Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031421.D
Acq On : 07 May 2024 14:38
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 07 17:10:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:04:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	5095	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	11687	0.400	ng	#	0.00
13) Acenaphthene-d10	14.210	164	5627	0.400	ng		0.00
19) Phenanthrene-d10	16.966	188	20325	0.400	ng		0.00
29) Chrysene-d12	21.175	240	18718	0.400	ng		0.00
35) Perylene-d12	23.355	264	18830	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	9388	0.787	ng		0.00
5) Phenol-d6	6.743	99	10923	0.771	ng		0.00
8) Nitrobenzene-d5	8.713	82	8624	0.841	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	10429	0.666	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	2869	1.015	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	15850	0.761	ng		0.00
27) Fluoranthene-d10	19.007	212	43510	0.791	ng		0.00
31) Terphenyl-d14	19.616	244	35062	0.738	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.096	88	4627	0.761	ng		98
3) n-Nitrosodimethylamine	3.414	42	4853	0.800	ng	#	97
6) bis(2-Chloroethyl)ether	6.996	93	10435	0.787	ng		99
9) Naphthalene	10.389	128	22476	0.688	ng		99
10) Hexachlorobutadiene	10.667	225	4098	0.601	ng	#	100
12) 2-Methylnaphthalene	12.009	142	11763	0.657	ng		99
16) Acenaphthylene	13.932	152	18123	0.734	ng		99
17) Acenaphthene	14.274	154	13373	0.790	ng		99
18) Fluorene	15.268	166	28582	1.305	ng		100
20) 4,6-Dinitro-2-methylph...	15.365	198	2312	0.733	ng	#	81
21) 4-Bromophenyl-phenylether	16.160	248	9234	0.787	ng		99
22) Hexachlorobenzene	16.271	284	10571	0.787	ng		100
23) Atrazine	16.445	200	7023	0.763	ng		98
24) Pentachlorophenol	16.619	266	4027	0.675	ng		98
25) Phenanthrene	17.004	178	46020	0.789	ng		100
26) Anthracene	17.103	178	37811	0.771	ng		99
28) Fluoranthene	19.035	202	55803	0.783	ng		100
30) Pyrene	19.402	202	56386	0.874	ng		100
32) Benzo(a)anthracene	21.157	228	50567	0.782	ng		99
33) Chrysene	21.211	228	53155	0.789	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	24033	0.704	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.542	276	62016	0.815	ng		99
37) Benzo(b)fluoranthene	22.700	252	57067	0.773	ng		96
38) Benzo(k)fluoranthene	22.744	252	56922	0.786	ng		97
39) Benzo(a)pyrene	23.262	252	47467	0.766	ng		95
40) Dibenzo(a,h)anthracene	25.554	278	49323	0.823	ng		98
41) Benzo(g,h,i)perylene	26.203	276	47079	0.774	ng		98

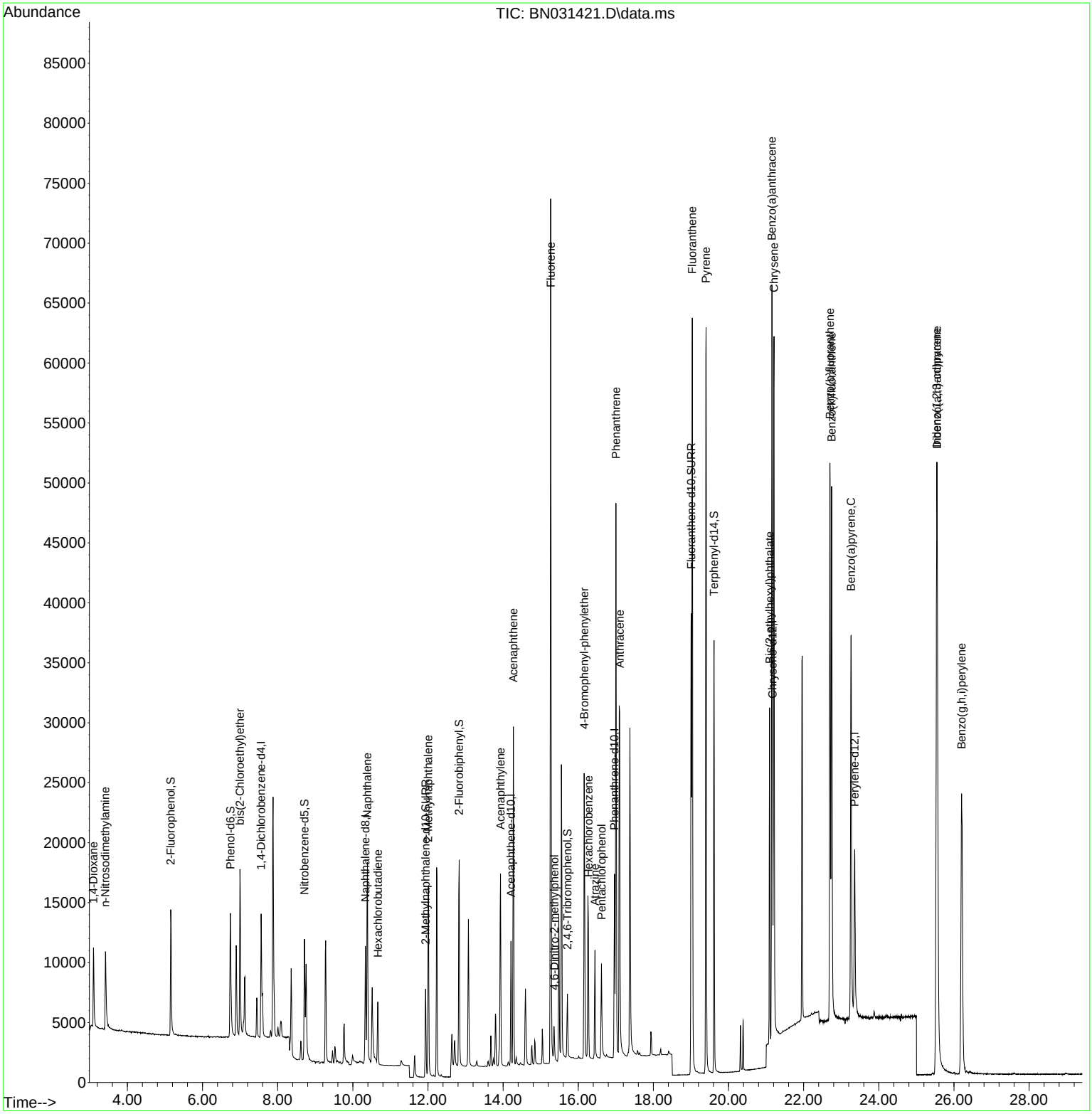
(#) = qualifier out of range (m) = manual integration (+) = signals summed

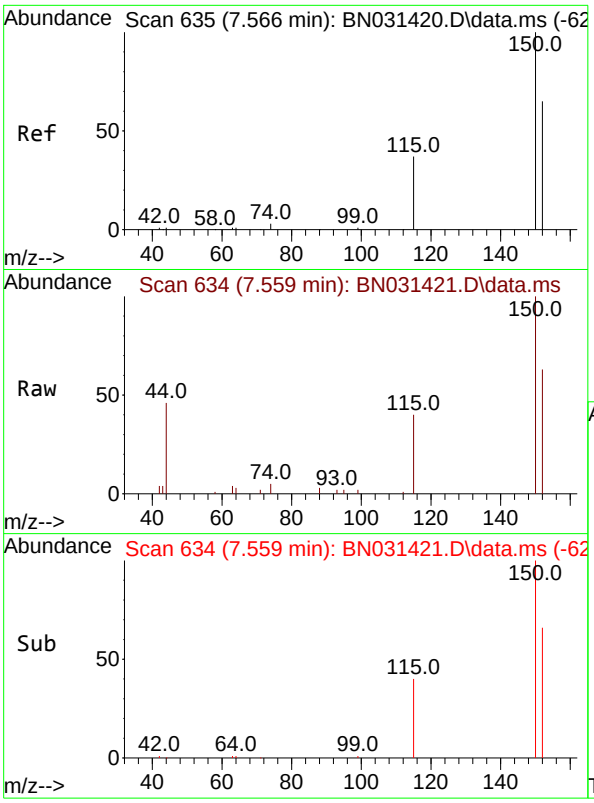
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031421.D
Acq On : 07 May 2024 14:38
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 07 17:10:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:04:57 2024
Response via : Initial Calibration



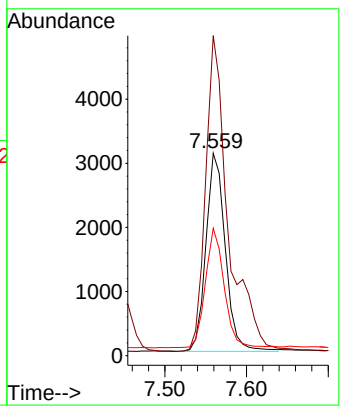


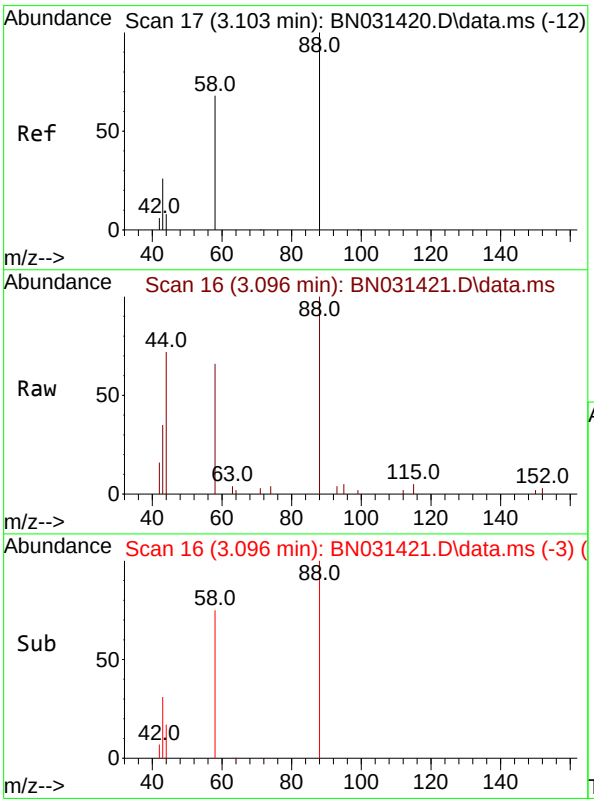
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5095

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.2	183.2
115	62.9	47.8	71.6

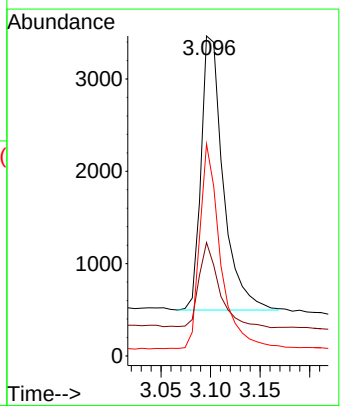


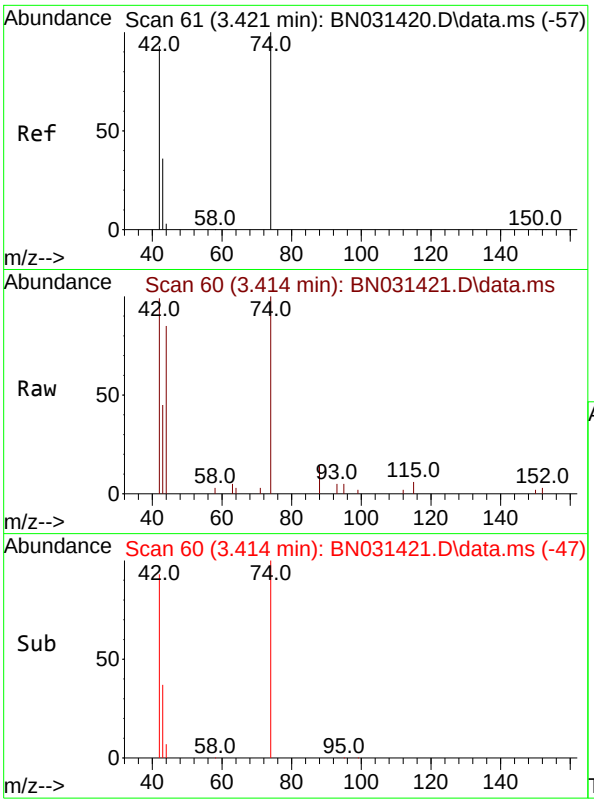


#2
1,4-Dioxane
Concen: 0.761 ng
RT: 3.096 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion: 88 Resp: 4627

Ion	Ratio	Lower	Upper
88	100		
43	28.7	23.8	35.8
58	70.3	54.6	81.8



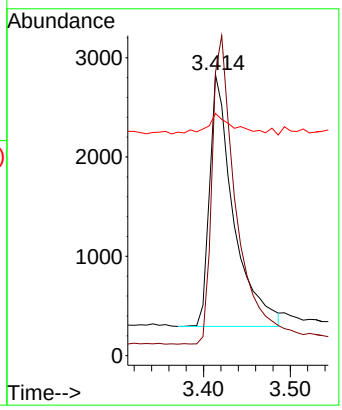


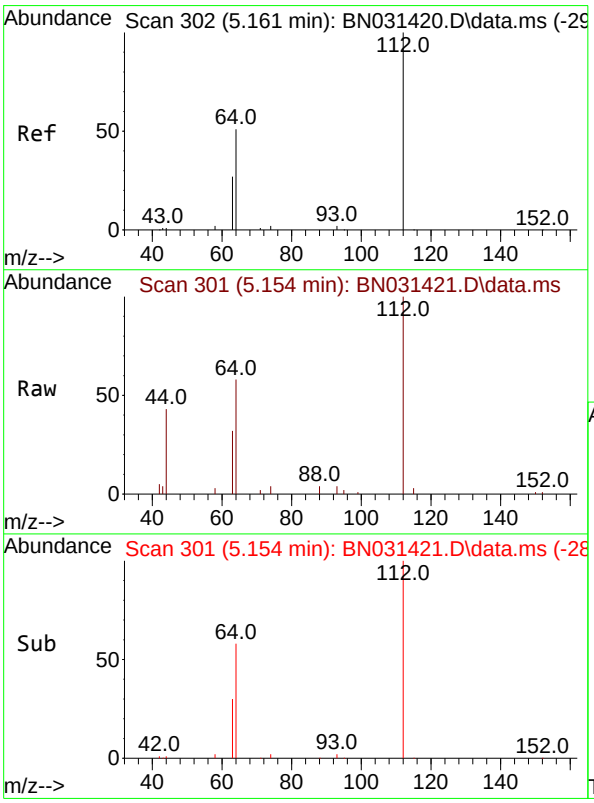
#3
n-Nitrosodimethylamine
Concen: 0.800 ng
RT: 3.414 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4853

Ion	Ratio	Lower	Upper
42	100		
74	123.7	101.7	152.5
44	9.1	5.3	7.9#

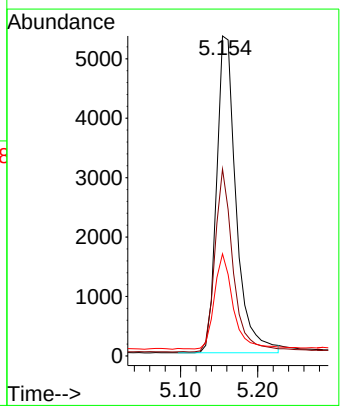


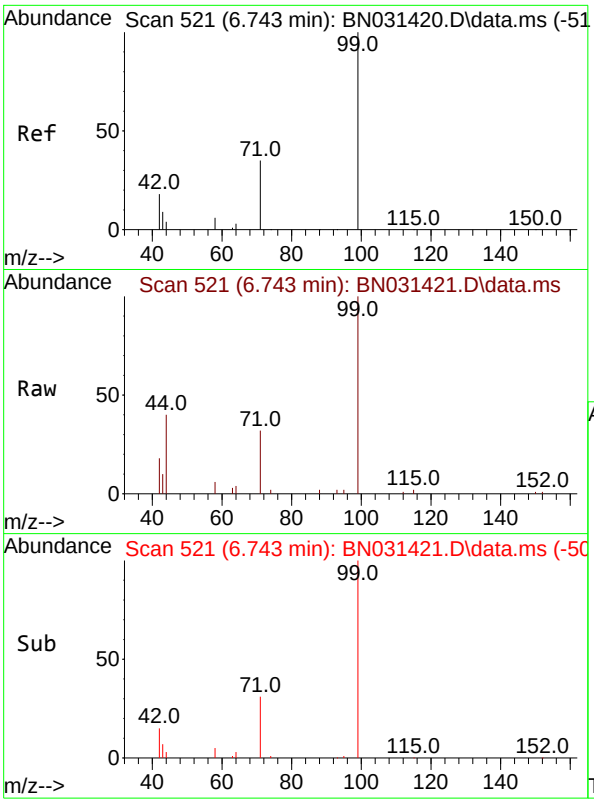


#4
2-Fluorophenol
Concen: 0.787 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.007 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:112 Resp: 9388

Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.4	63.6
63	28.7	22.6	34.0



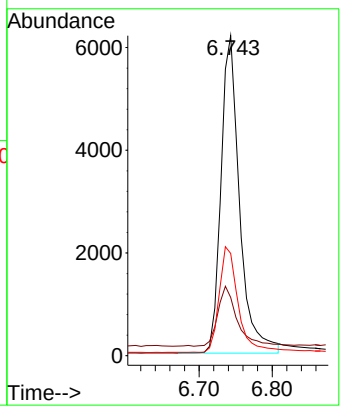


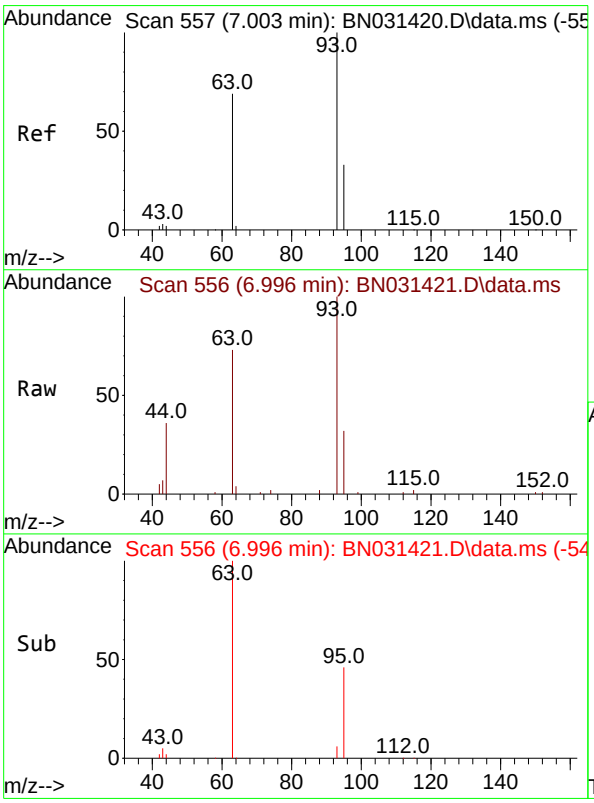
#5
Phenol-d6
Concen: 0.771 ng
RT: 6.743 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 10923

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.8
71	33.9	27.8	41.6

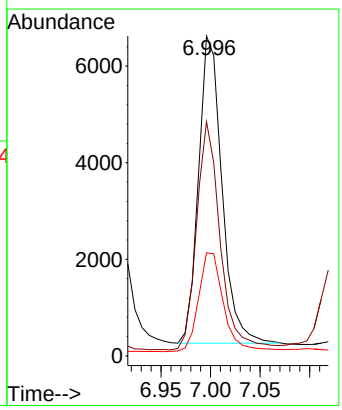


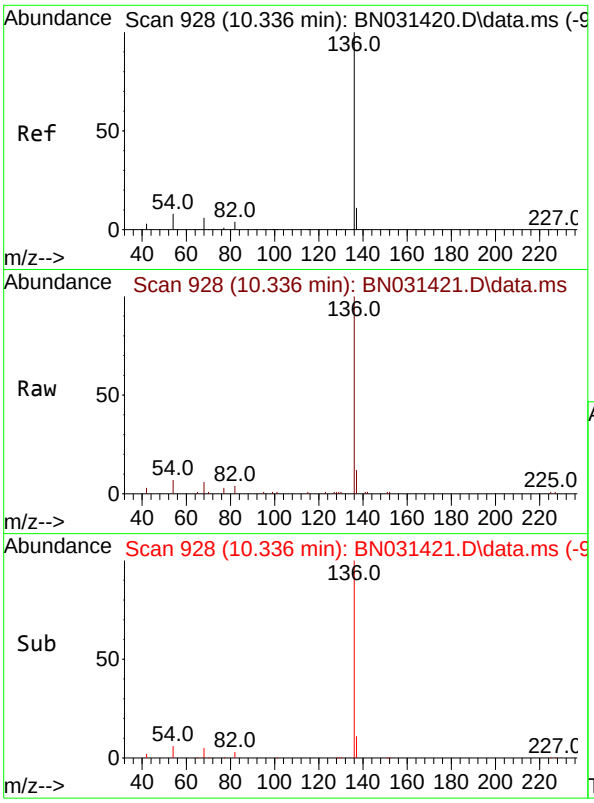


#6
bis(2-Chloroethyl)ether
Concen: 0.787 ng
RT: 6.996 min Scan# 556
Delta R.T. -0.007 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion: 93 Resp: 10435

Ion	Ratio	Lower	Upper
93	100		
63	74.8	60.7	91.1
95	34.3	28.0	42.0



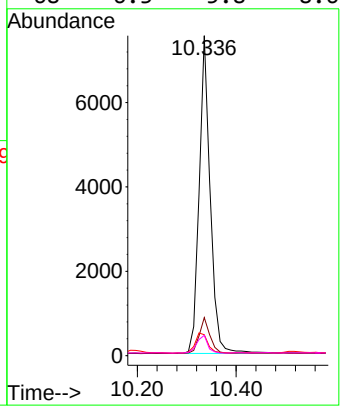


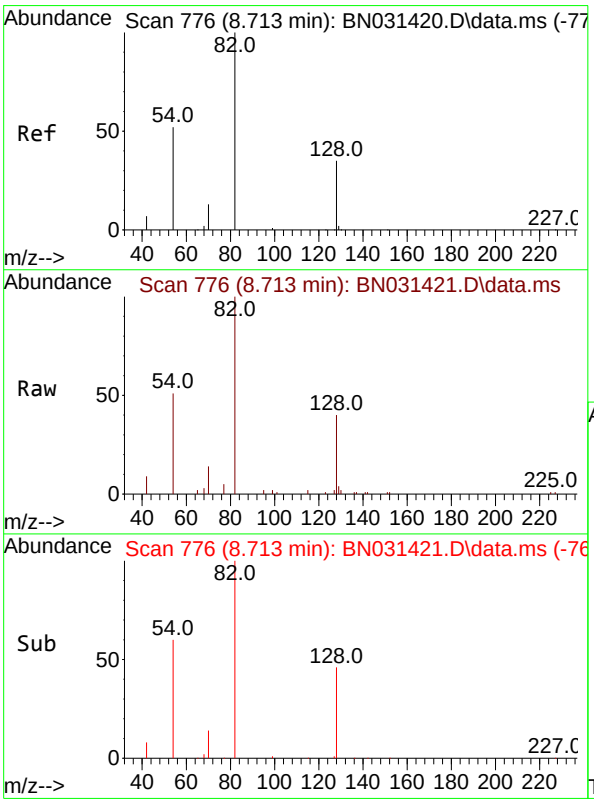
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 11687

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	6.6	7.2	10.8#
68	6.3	5.8	8.6

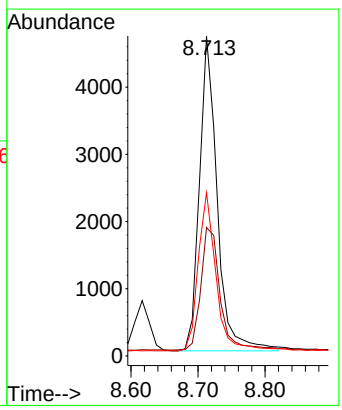


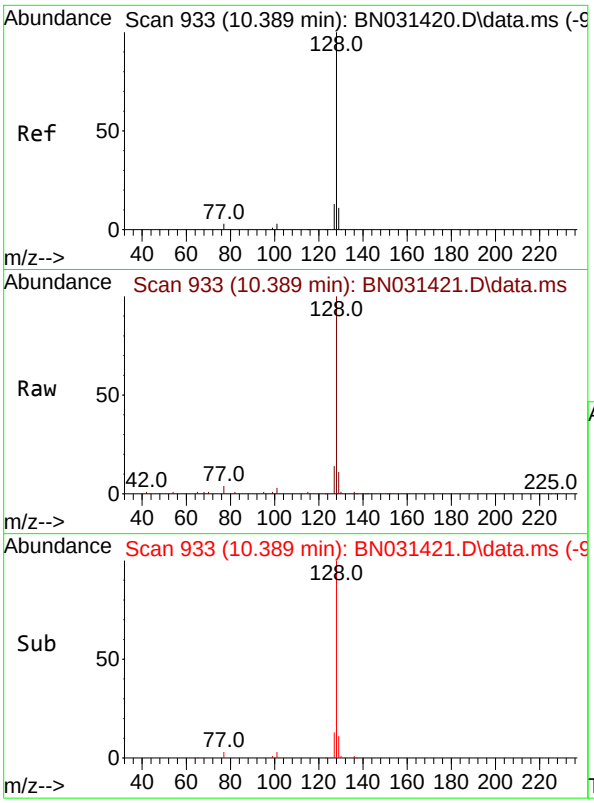


#8
Nitrobenzene-d5
Concen: 0.841 ng
RT: 8.713 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion: 82 Resp: 8624

Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.0	45.0
54	51.0	43.4	65.0



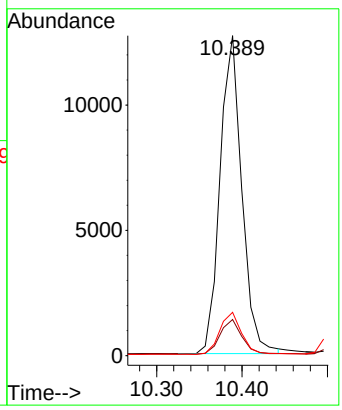


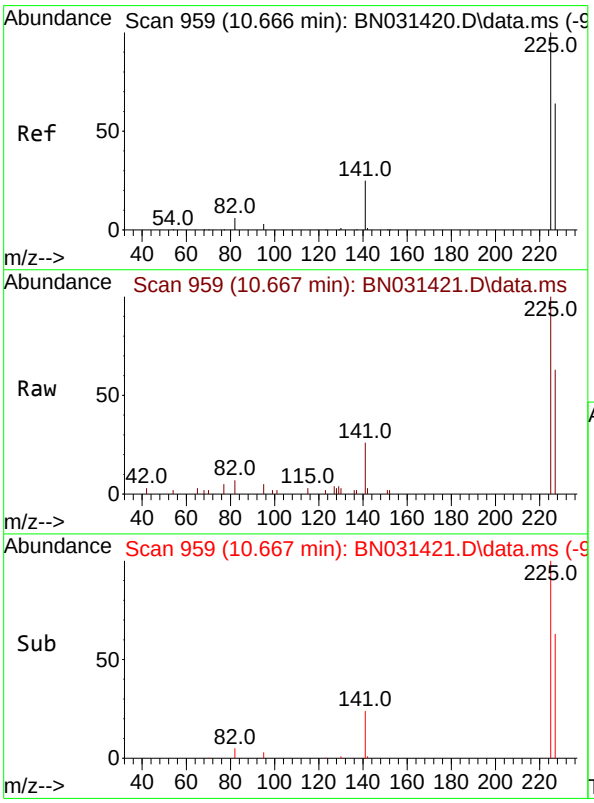
#9
Naphthalene
Concen: 0.688 ng
RT: 10.389 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 22476

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.5	11.1	16.7

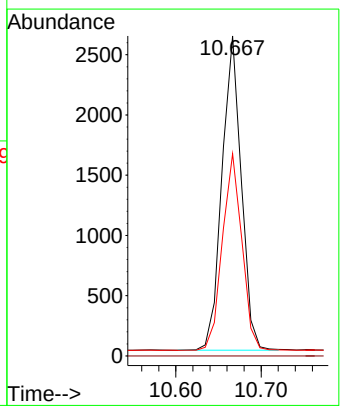


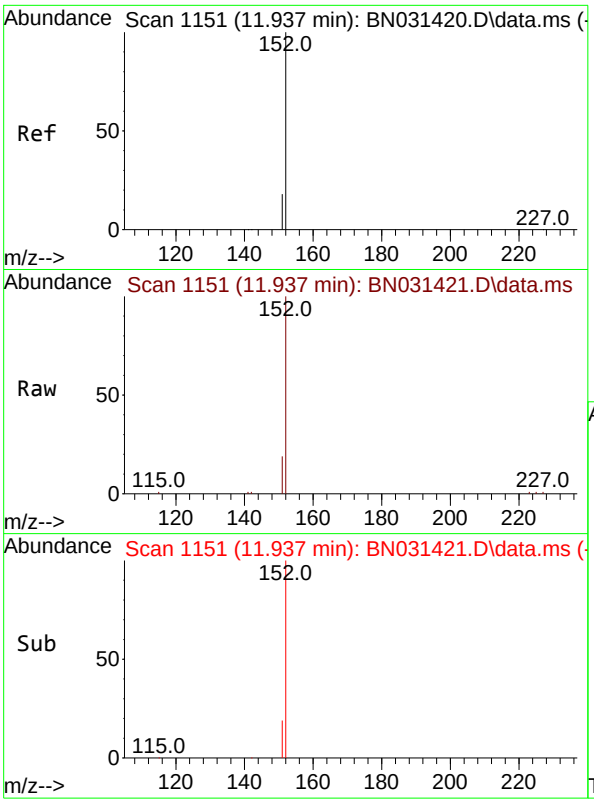


#10
Hexachlorobutadiene
Concen: 0.601 ng
RT: 10.667 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:225 Resp: 4098

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.8	76.2



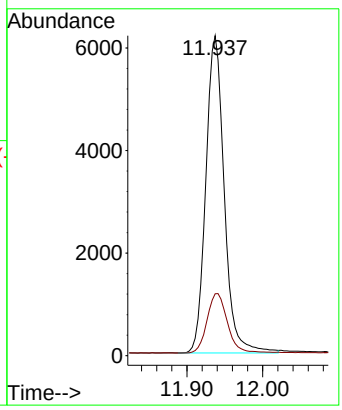


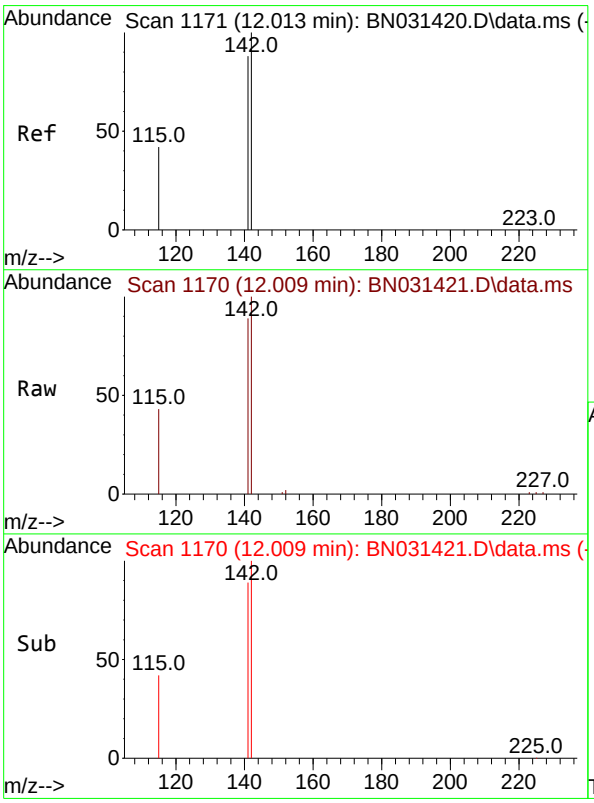
#11
2-Methylnaphthalene-d10
Concen: 0.666 ng
RT: 11.937 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 10429

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

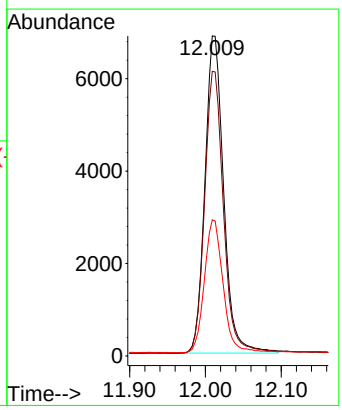


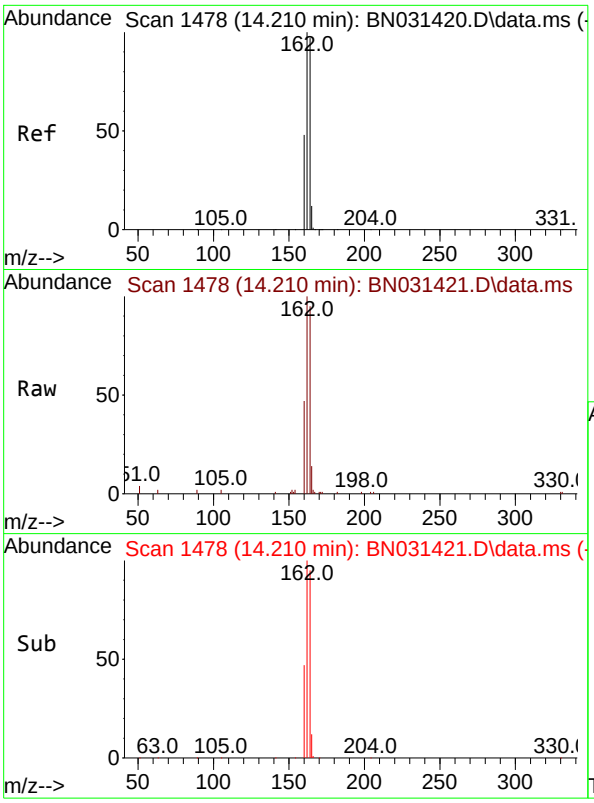


#12
2-Methylnaphthalene
Concen: 0.657 ng
RT: 12.009 min Scan# 1170
Delta R.T. -0.004 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:142 Resp: 11763

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.2
115	42.6	34.2	51.4



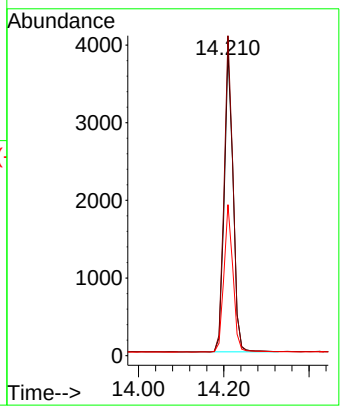


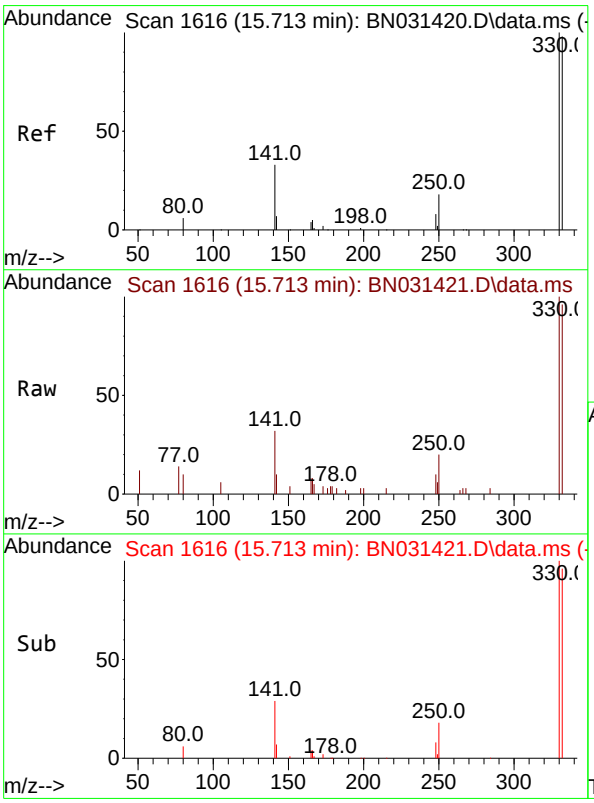
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 5627

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.3	123.5
160	49.6	40.2	60.2

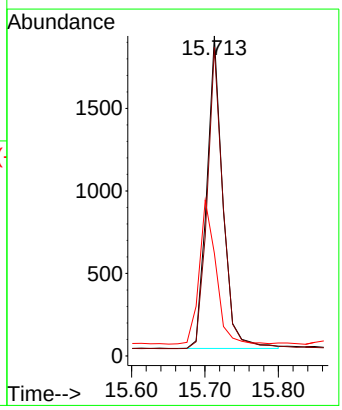


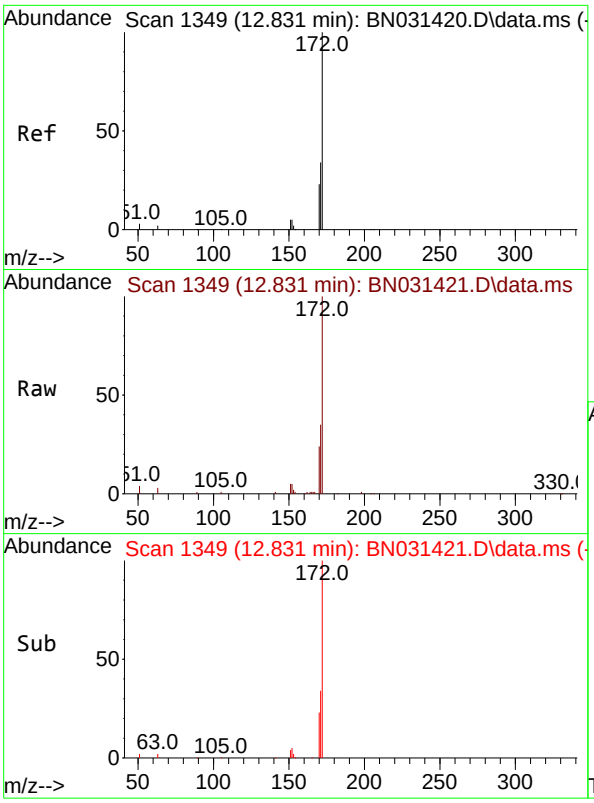


#14
2,4,6-Tribromophenol
Concen: 1.015 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:330 Resp: 2869

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.5	116.3
141	47.9	39.3	58.9



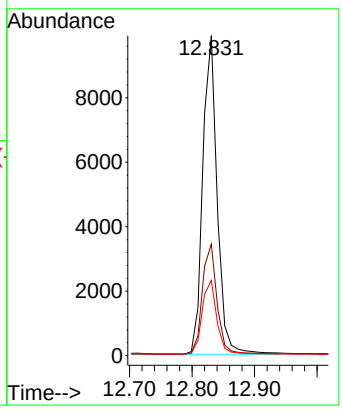


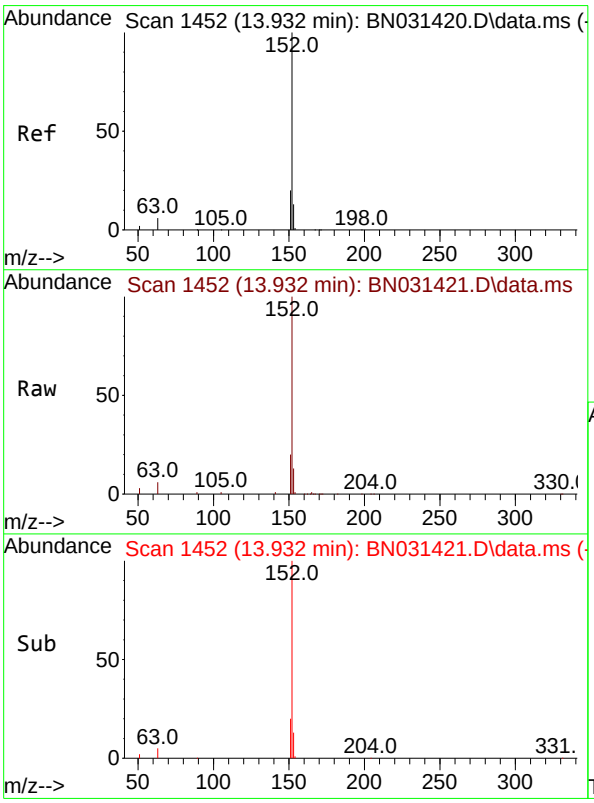
#15
2-Fluorobiphenyl
Concen: 0.761 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 15850

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.5	18.9	28.3

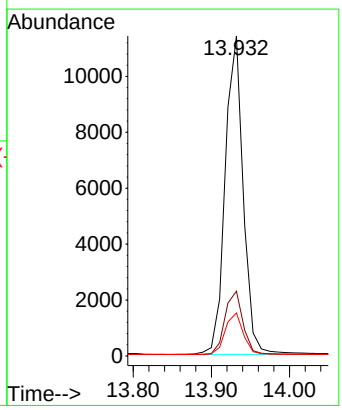


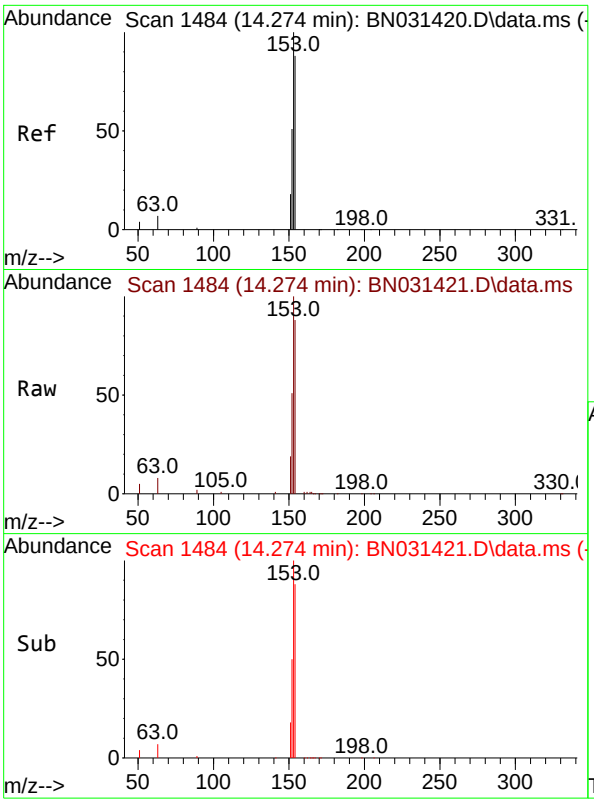


#16
Acenaphthylene
Concen: 0.734 ng
RT: 13.932 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:152 Resp: 18123

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.2	10.5	15.7



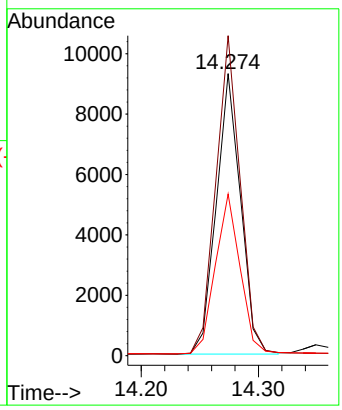


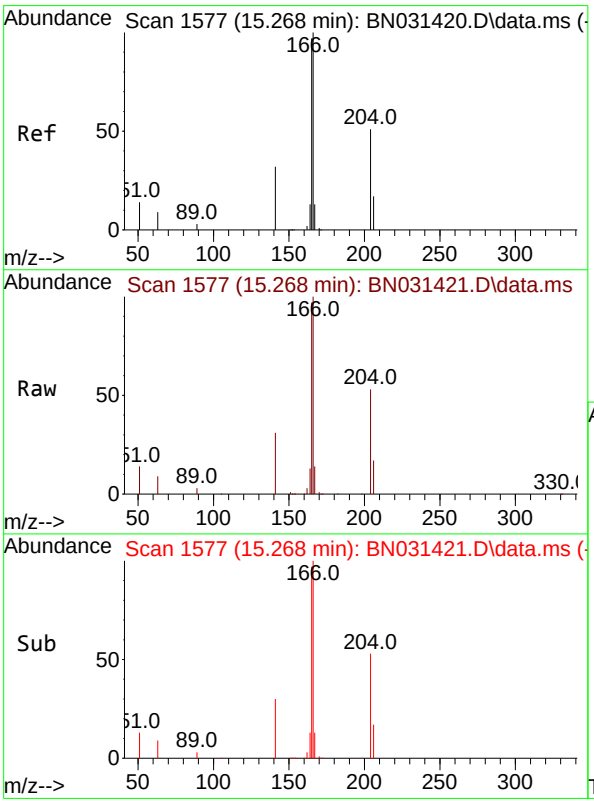
#17
Acenaphthene
Concen: 0.790 ng
RT: 14.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 13373

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.4	135.6
152	58.1	46.4	69.6

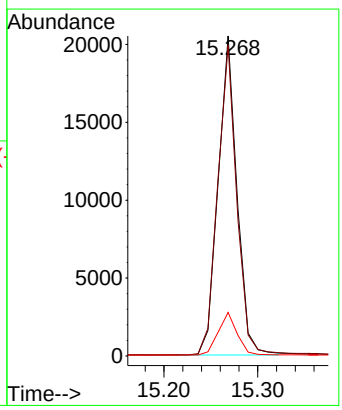


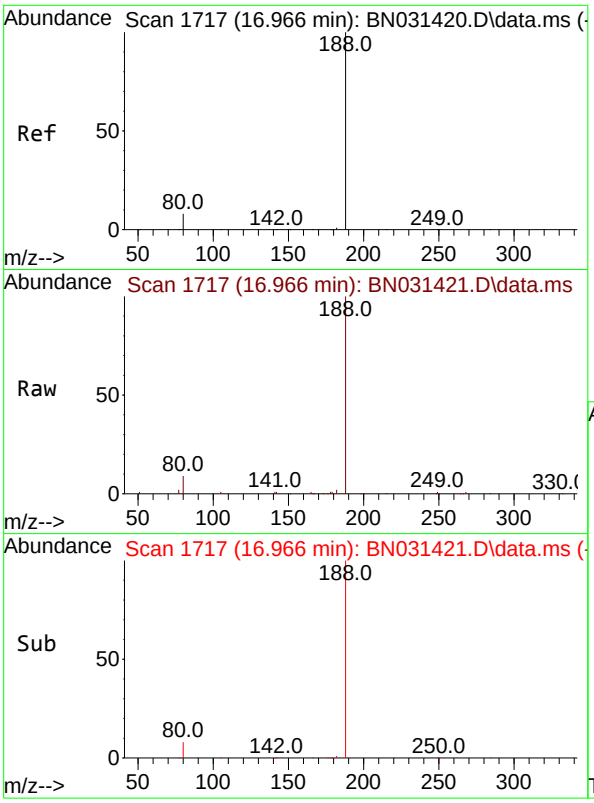


#18
Fluorene
Concen: 1.305 ng
RT: 15.268 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:166 Resp: 28582

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.4	10.8	16.2



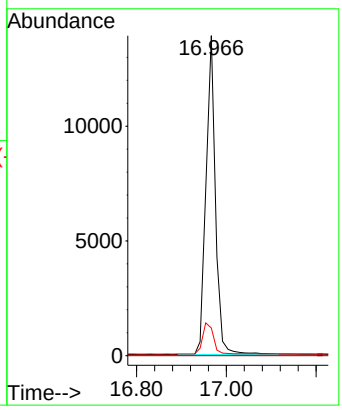


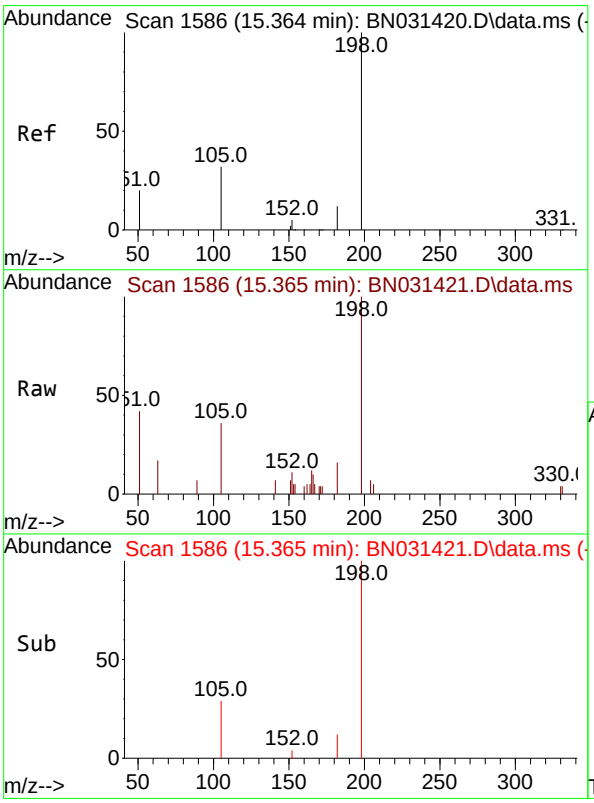
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 20325

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.8	10.2

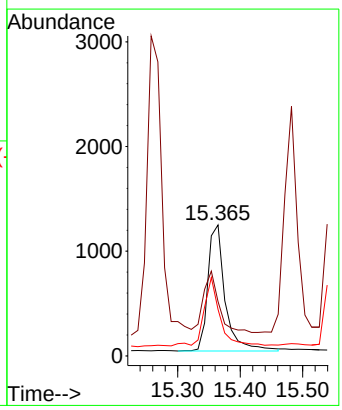


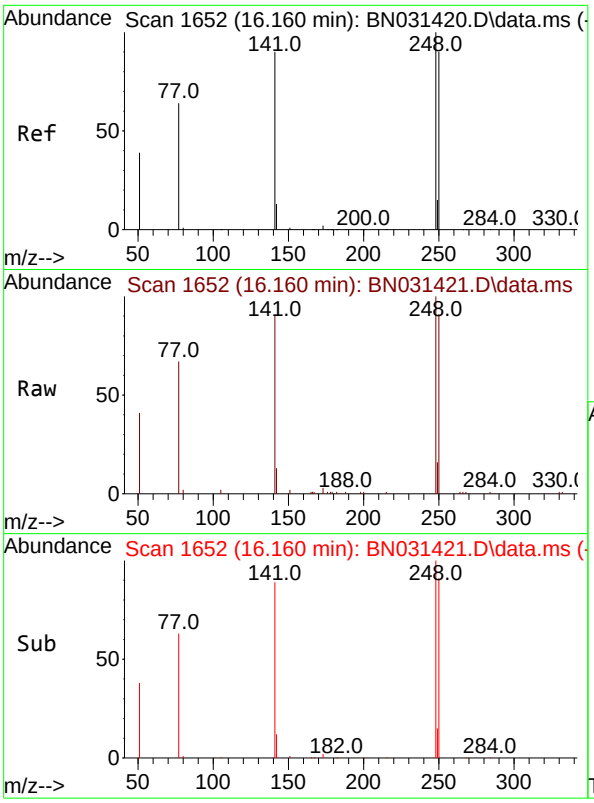


#20
4,6-Dinitro-2-methylphenol
Concen: 0.733 ng
RT: 15.365 min Scan# 1586
Delta R.T. 0.001 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:198 Resp: 2312

Ion	Ratio	Lower	Upper
198	100		
51	41.6	47.4	71.2#
105	35.6	35.7	53.5#



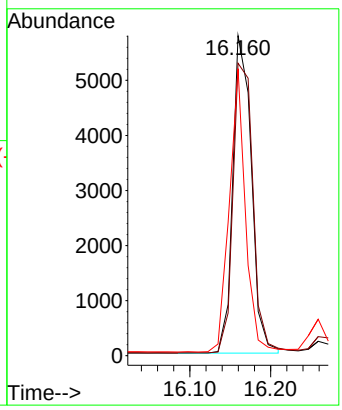


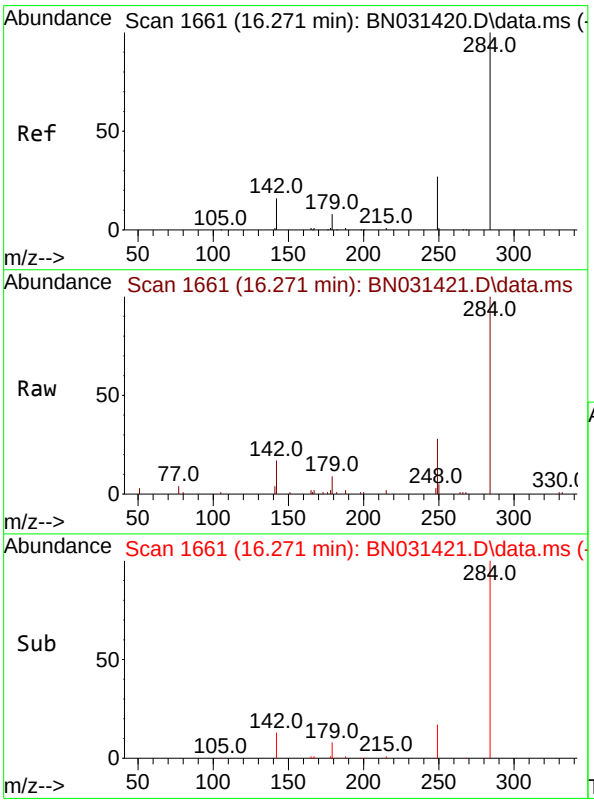
#21
4-Bromophenyl-phenylether
Concen: 0.787 ng
RT: 16.160 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 9234

Ion	Ratio	Lower	Upper
248	100		
250	91.4	72.3	108.5
141	89.7	72.9	109.3

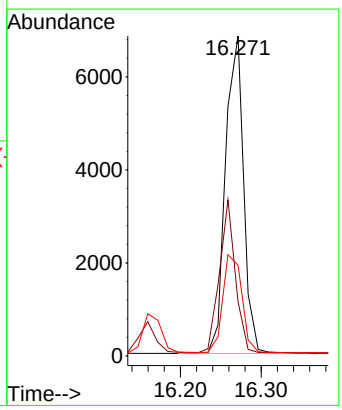


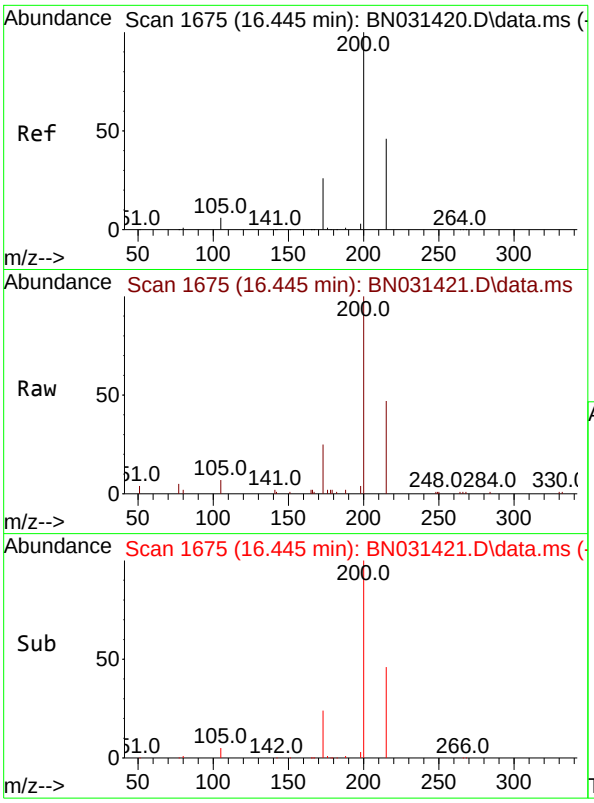


#22
Hexachlorobenzene
Concen: 0.787 ng
RT: 16.271 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:284 Resp: 10571

Ion	Ratio	Lower	Upper
284	100		
142	42.4	33.8	50.8
249	32.5	25.8	38.8



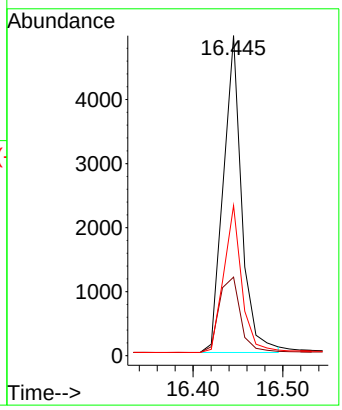


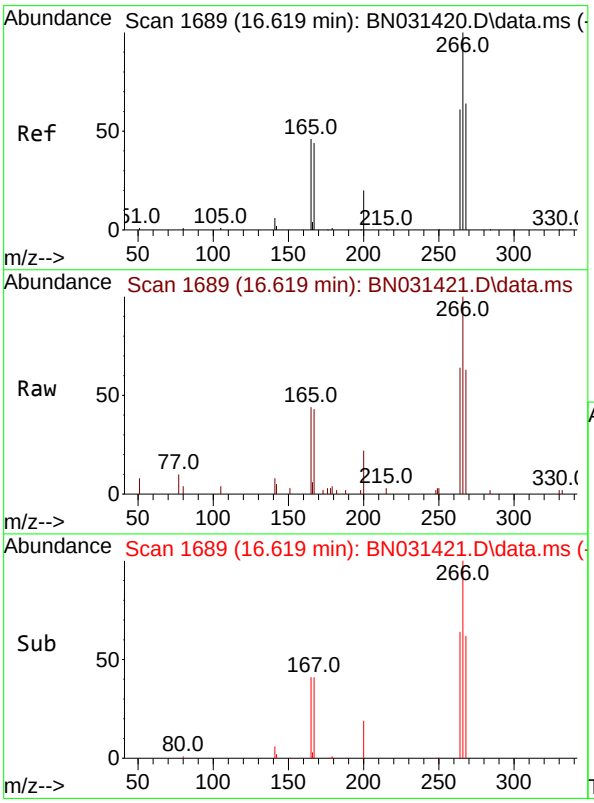
#23
Atrazine
Concen: 0.763 ng
RT: 16.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 7023

Ion	Ratio	Lower	Upper
200	100		
173	24.5	21.8	32.6
215	46.9	37.5	56.3

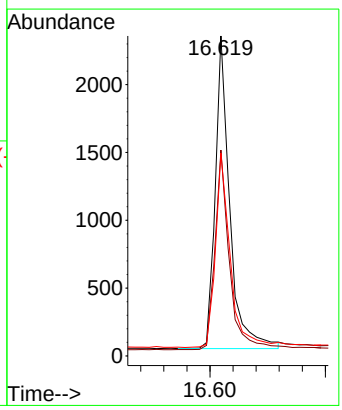


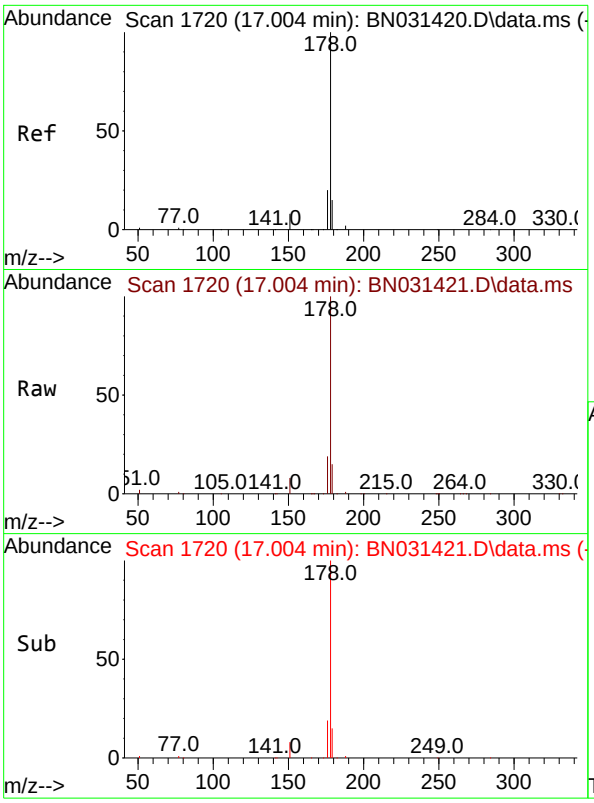


#24
Pentachlorophenol
Concen: 0.675 ng
RT: 16.619 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:266 Resp: 4027

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.0	73.4
268	63.1	51.0	76.4



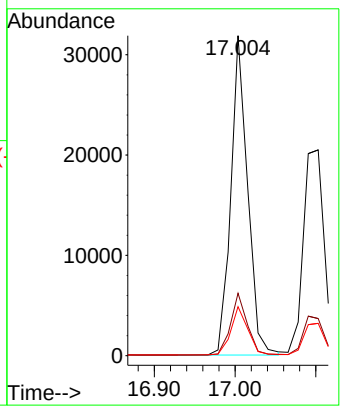


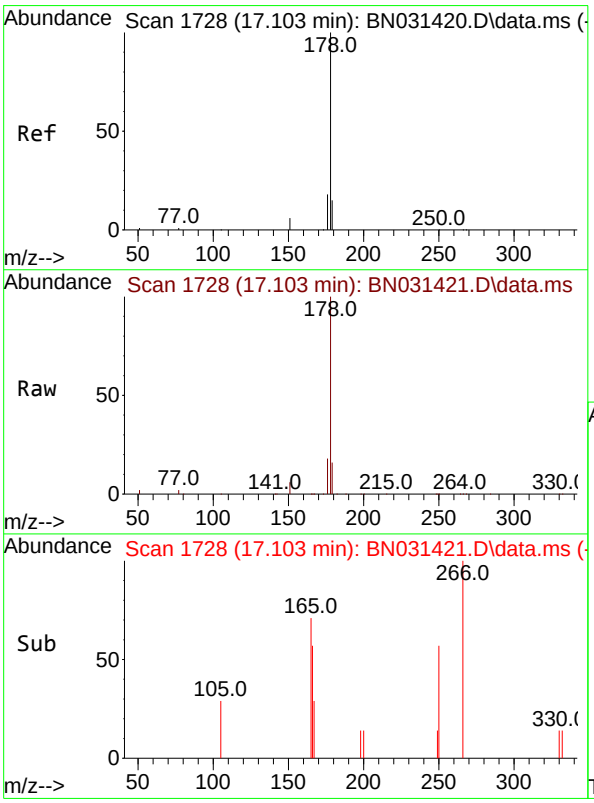
#25
Phenanthrene
Concen: 0.789 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 46020

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.3	18.5

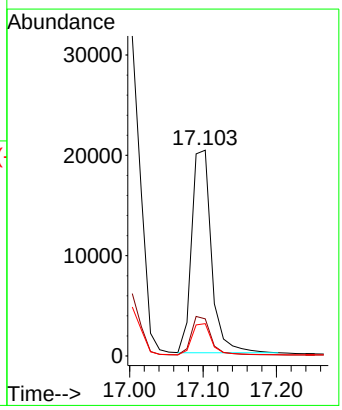


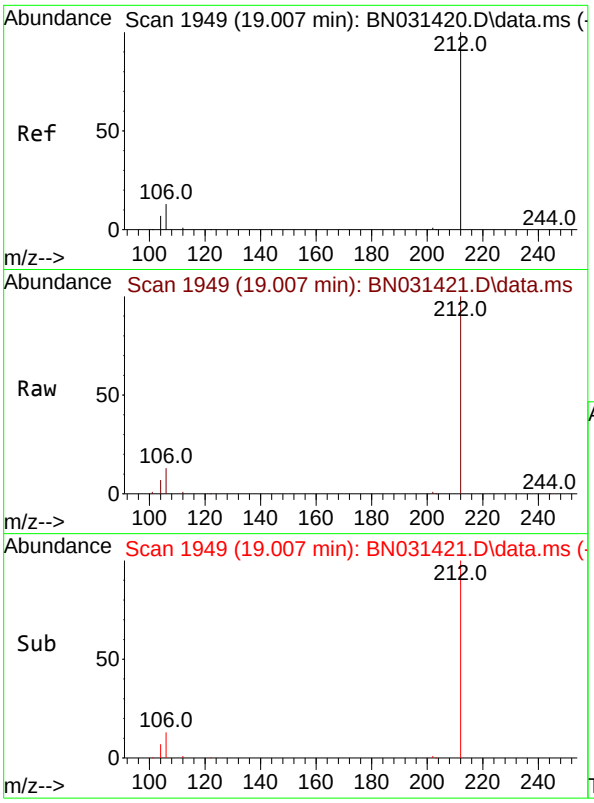


#26
Anthracene
Concen: 0.771 ng
RT: 17.103 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:178 Resp: 37811

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.3	12.1	18.1



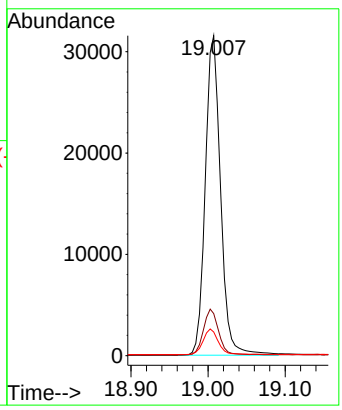


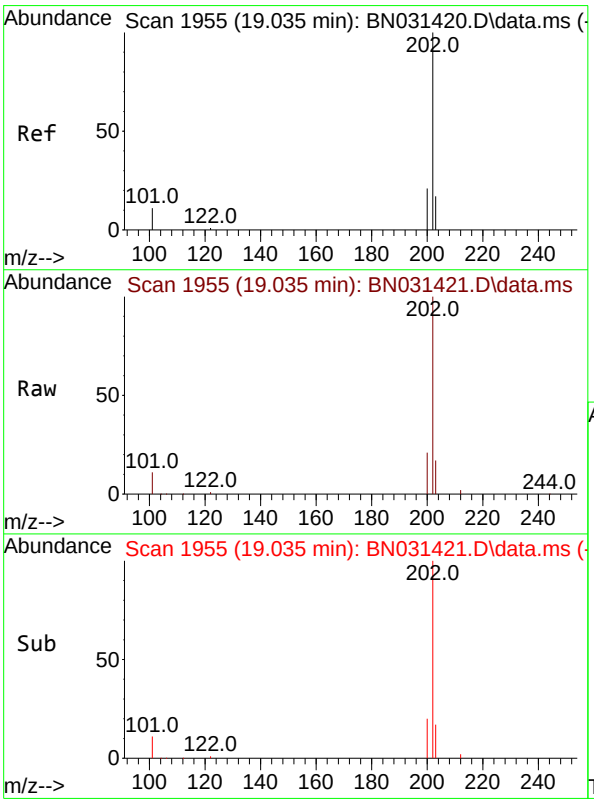
#27
Fluoranthene-d10
Concen: 0.791 ng
RT: 19.007 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 43510

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.5	17.3
104	8.0	6.4	9.6

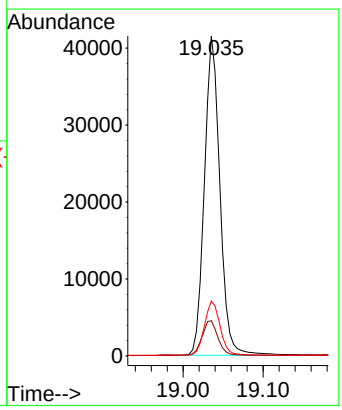


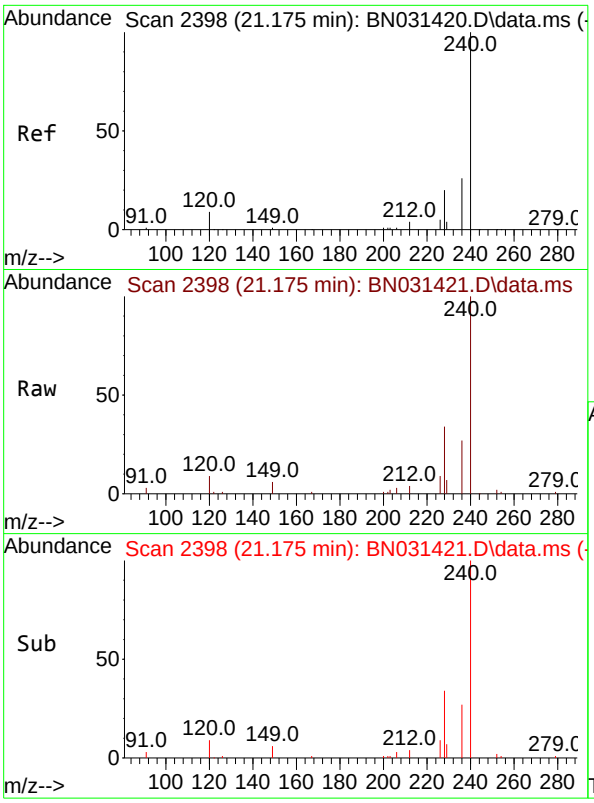


#28
Fluoranthene
Concen: 0.783 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:202 Resp: 55803

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
203	17.0	13.7	20.5



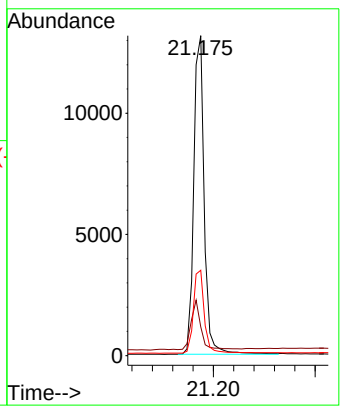


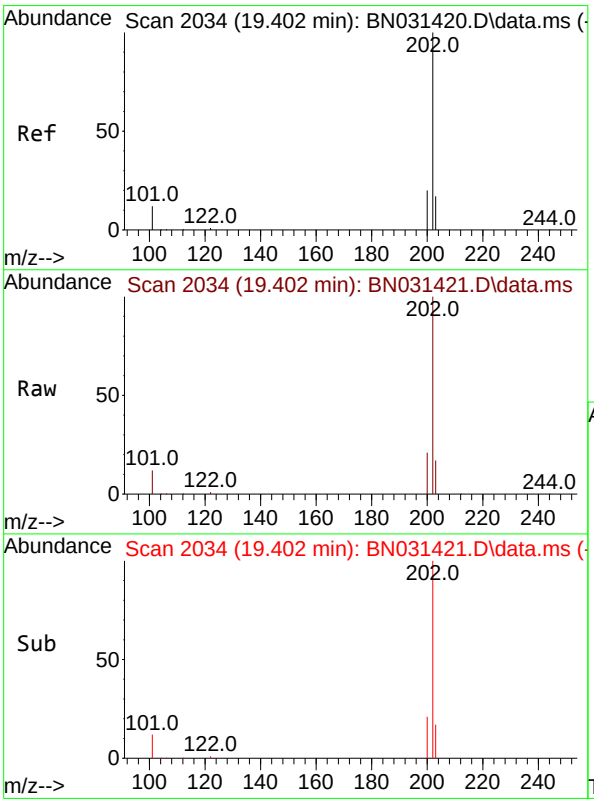
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 18718

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.9	11.9
236	26.7	21.4	32.2

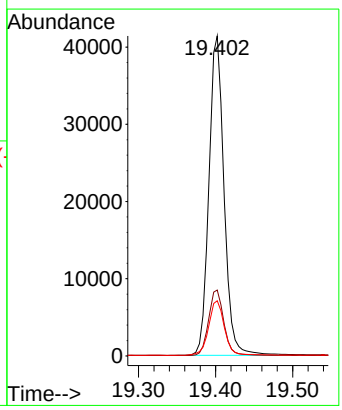


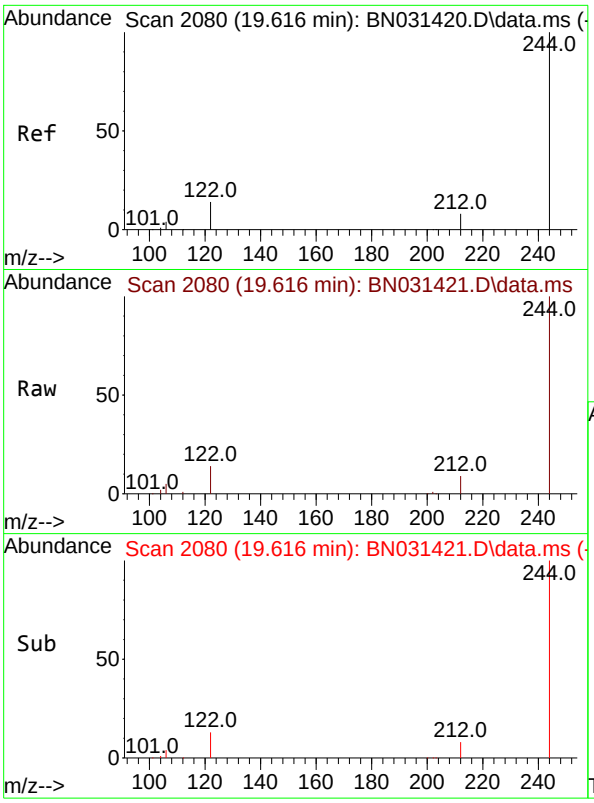


#30
Pyrene
Concen: 0.874 ng
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:202 Resp: 56386

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	14.3	21.5



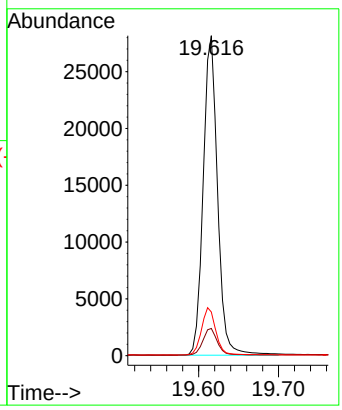


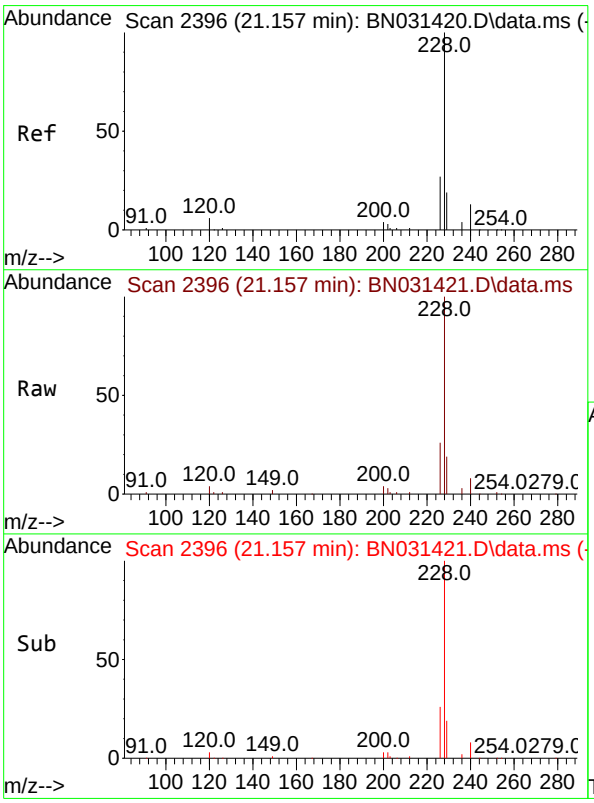
#31
Terphenyl-d14
Concen: 0.738 ng
RT: 19.616 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 35062

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	13.7	11.4	17.2

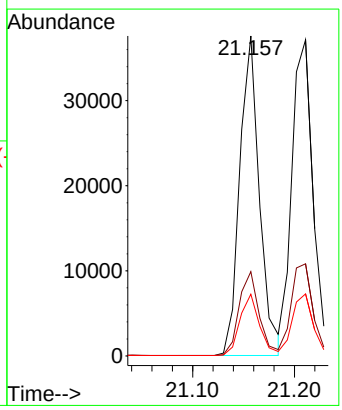


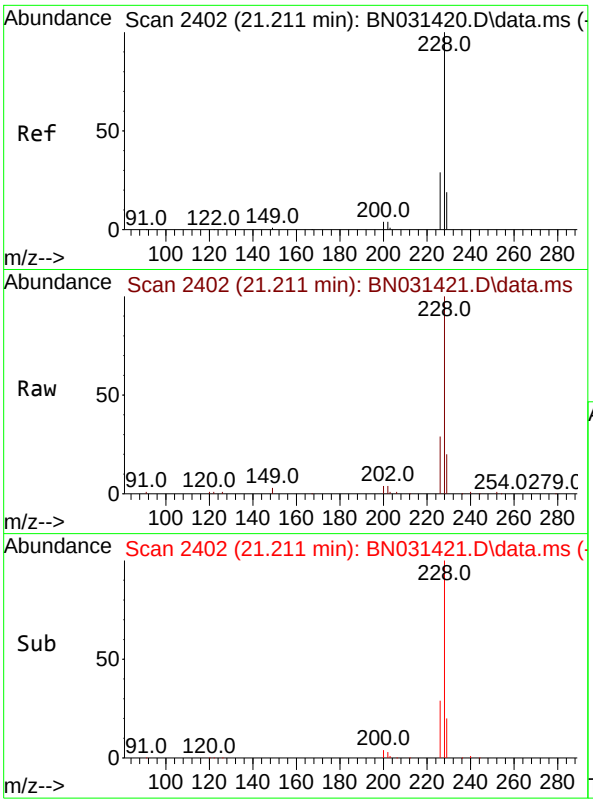


#32
Benzo(a)anthracene
Concen: 0.782 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:228 Resp: 50567

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.8	32.6
229	19.3	15.6	23.4



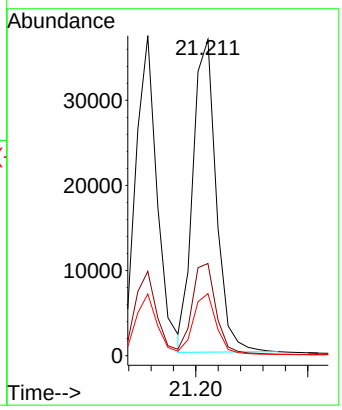


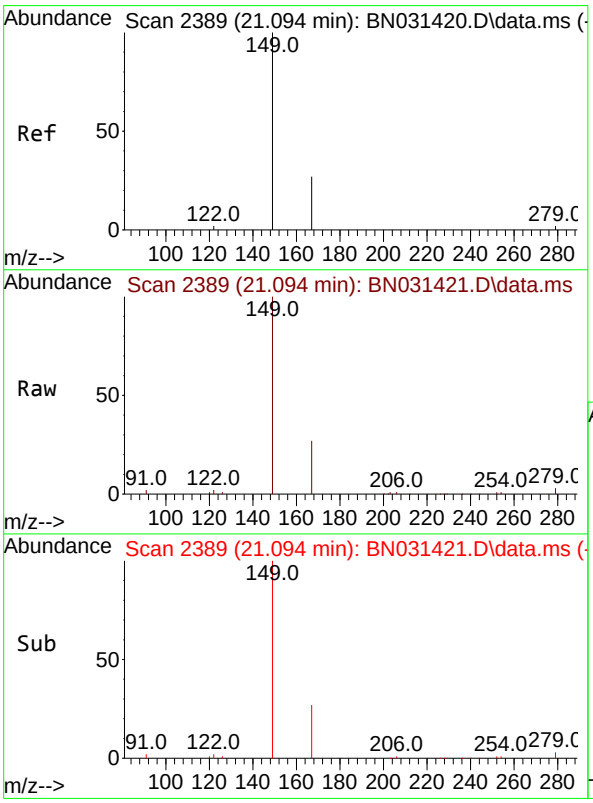
#33
Chrysene
Concen: 0.789 ng
RT: 21.211 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 53155

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	19.7	15.8	23.8

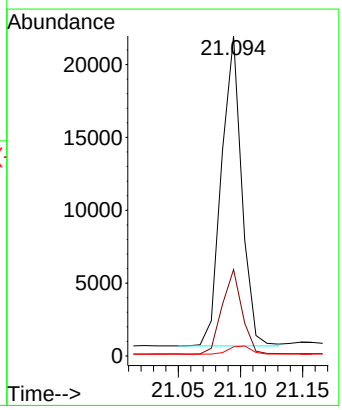


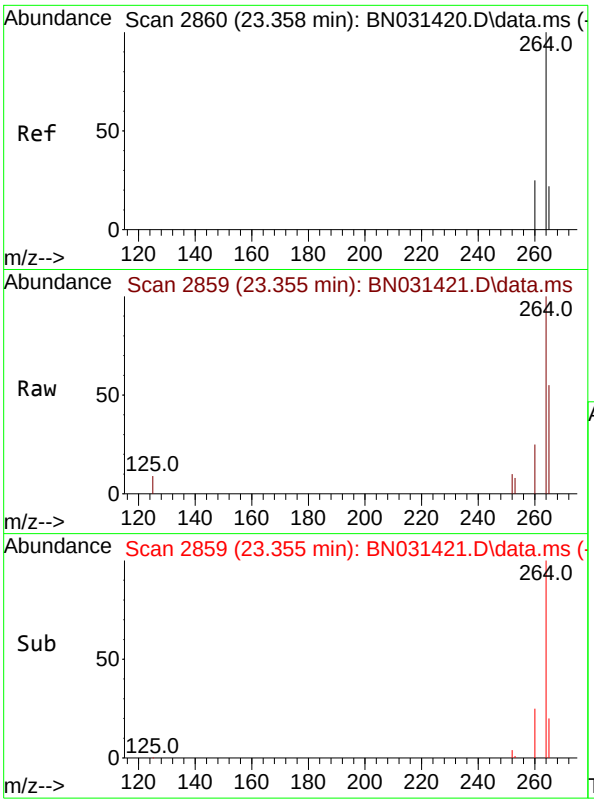


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.704 ng
RT: 21.094 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:149 Resp: 24033

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.0	34.4
279	3.1	3.2	4.8#



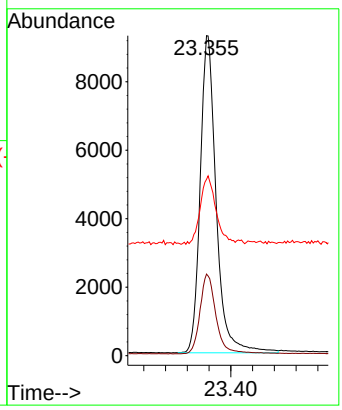


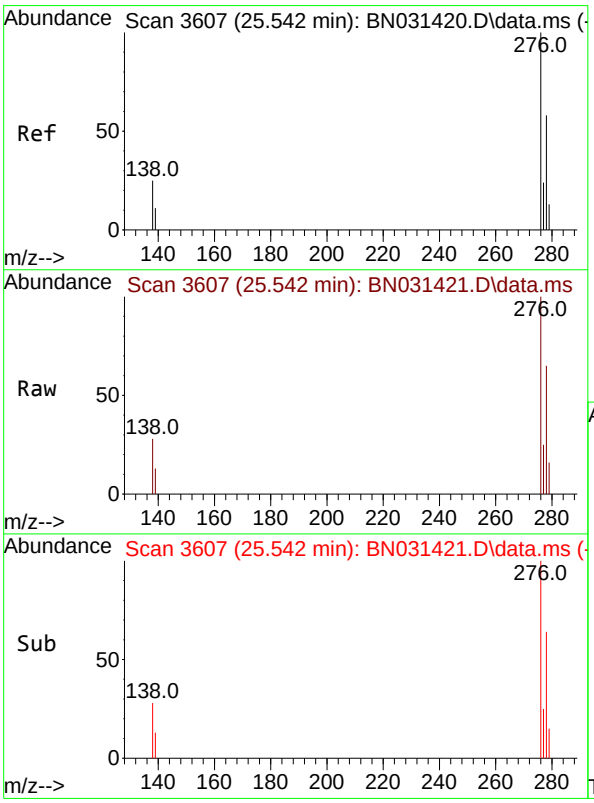
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.355 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 18830

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.4
265	55.1	43.4	65.2

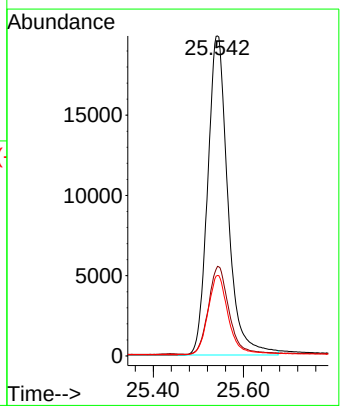


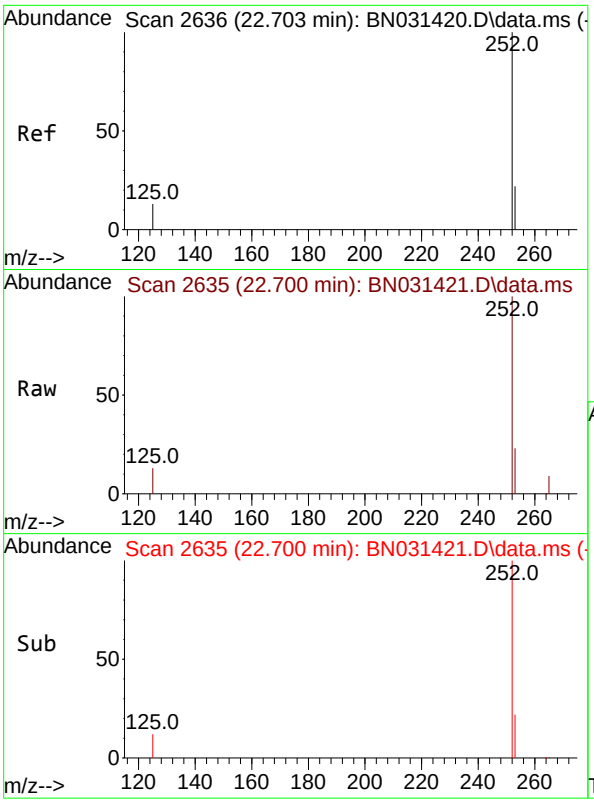


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.815 ng
RT: 25.542 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:276 Resp: 62016

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.5	32.3
277	24.9	19.8	29.8



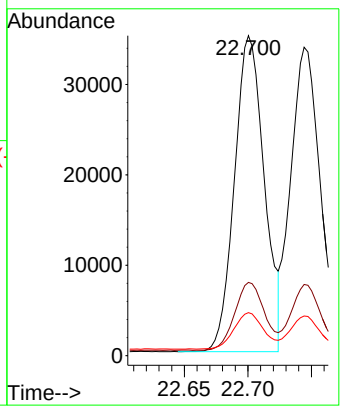


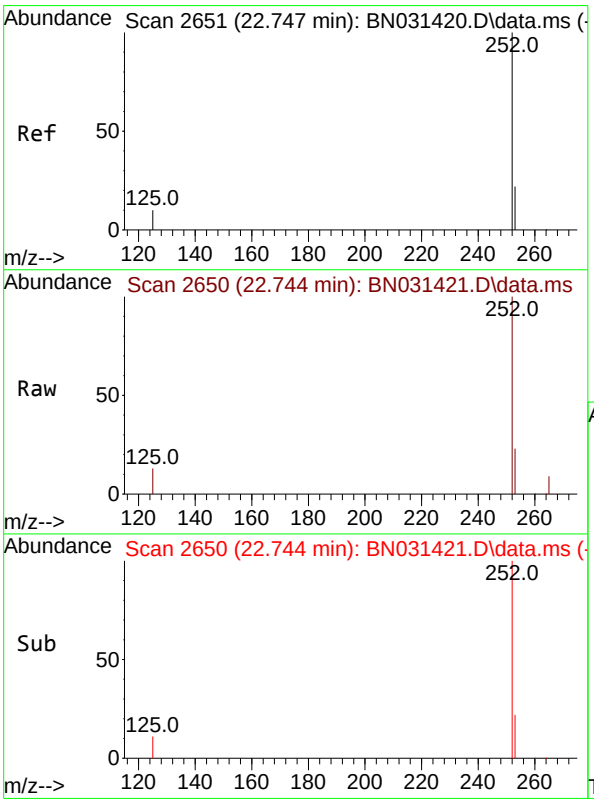
#37
Benzo(b)fluoranthene
Concen: 0.773 ng
RT: 22.700 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 57067

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.5	29.3
125	13.5	12.9	19.3

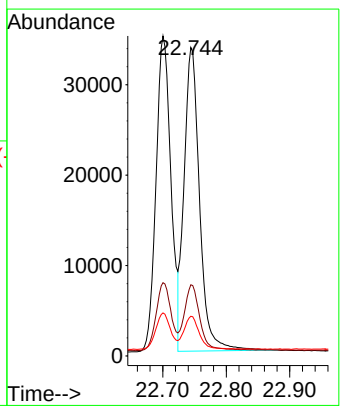


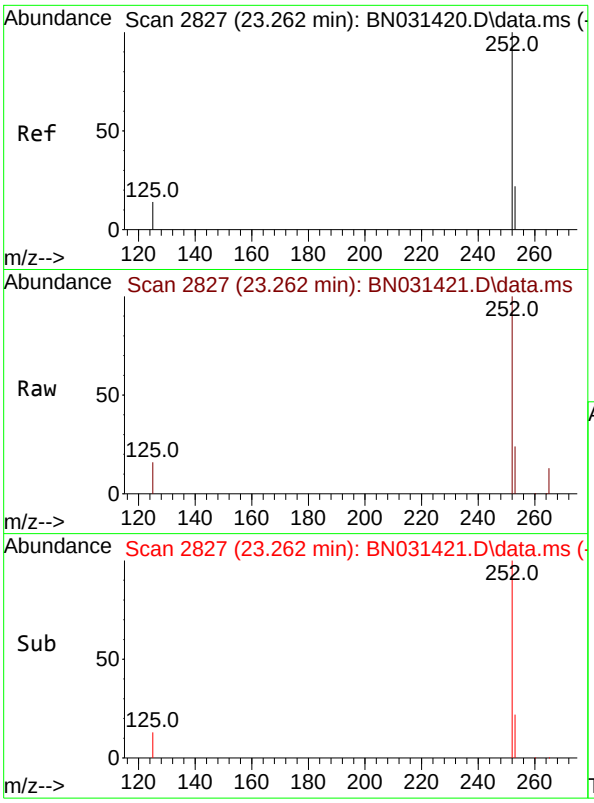


#38
Benzo(k)fluoranthene
Concen: 0.786 ng
RT: 22.744 min Scan# 2650
Delta R.T. -0.003 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:252 Resp: 56922

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.5	29.3
125	12.9	11.5	17.3



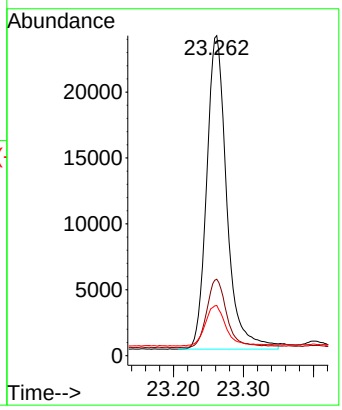


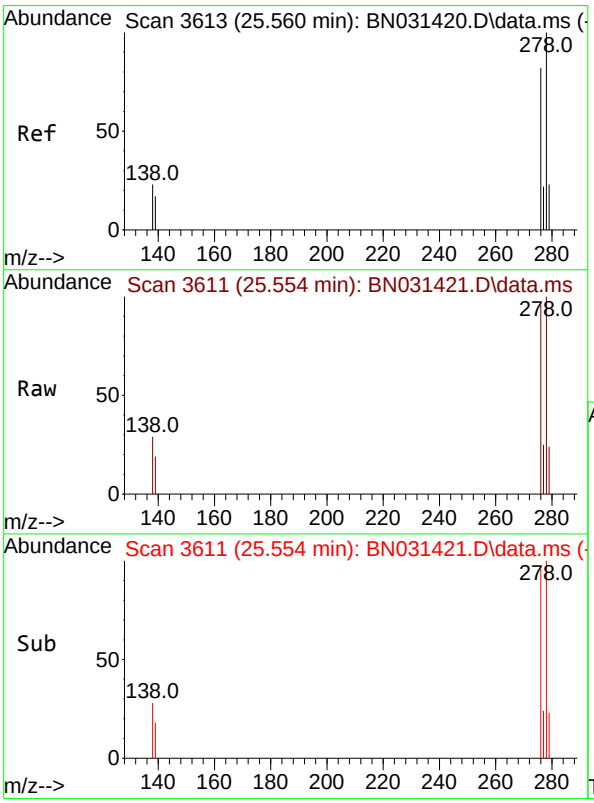
#39
Benzo(a)pyrene
Concen: 0.766 ng
RT: 23.262 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 47467

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.8	31.2
125	15.7	15.2	22.8

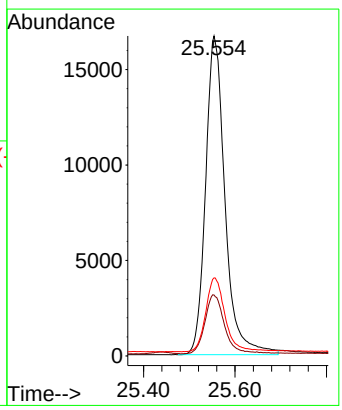


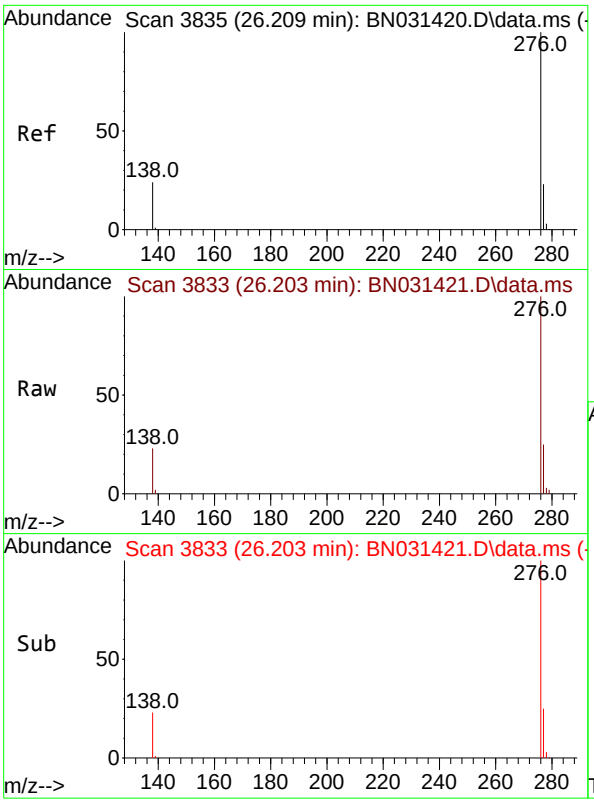


#40
Dibenzo(a,h)anthracene
Concen: 0.823 ng
RT: 25.554 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Tgt Ion:278 Resp: 49323

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.7	22.1
279	24.4	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.774 ng
RT: 26.203 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN031421.D
Acq: 07 May 2024 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 47079

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.2
138	23.2	19.7	29.5