Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012924\
Data File : BN029401.D
Acq On : 29 Jan 2024 15:15
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 30 03:22:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	3974	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	10910	0.400	ng		0.00
13) Acenaphthene-d10	14.543	164	5046	0.400	ng		0.00
19) Phenanthrene-d10	17.293	188	9839	0.400	ng		0.00
29) Chrysene-d12	21.501	240	6860	0.400	ng	#	0.00
35) Perylene-d12	23.882	264	7202	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	1985	0.183	ng		0.00
5) Phenol-d6	7.067	99	2028	0.139	ng		0.00
8) Nitrobenzene-d5	9.068	82	1675	0.146	ng		0.00
11) 2-Methylnaphthalene-d10	12.295	152	2861	0.164	ng		0.00
14) 2,4,6-Tribromophenol	16.039	330	305	0.137	ng		0.00
15) 2-Fluorobiphenyl	13.175	172	4327	0.186	ng		0.00
27) Fluoranthene-d10	19.331	212	4596	0.162	ng		0.00
31) Terphenyl-d14	19.940	244	3452	0.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1229	0.229	ng		95
3) n-Nitrosodimethylamine	3.716	42	854	0.164	ng	#	92
6) bis(2-Chloroethyl)ether	7.342	93	1941	0.143	ng		97
9) Naphthalene	10.754	128	6242	0.180	ng		99
10) Hexachlorobutadiene	11.032	225	1206	0.190	ng	#	98
12) 2-Methylnaphthalene	12.367	142	3484	0.156	ng		97
16) Acenaphthylene	14.265	152	4562	0.171	ng		99
17) Acenaphthene	14.607	154	3217	0.180	ng		99
18) Fluorene	15.592	166	3960	0.167	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	255	0.149	ng	#	65
21) 4-Bromophenyl-phenylether	16.486	248	1157	0.173	ng		95
22) Hexachlorobenzene	16.585	284	1487	0.194	ng		99
23) Atrazine	16.771	200	814	0.162	ng		96
24) Pentachlorophenol	16.945	266	369	0.130	ng		99
25) Phenanthrene	17.330	178	5698	0.170	ng		99
26) Anthracene	17.429	178	4599	0.156	ng		98
28) Fluoranthene	19.359	202	6421	0.163	ng		99
30) Pyrene	19.722	202	6581	0.211	ng		100
32) Benzo(a)anthracene	21.483	228	4364	0.156	ng		100
33) Chrysene	21.537	228	5386	0.186	ng		99
34) Bis(2-ethylhexyl)phtha...	21.429	149	3479	0.203	ng		98
36) Indeno(1,2,3-cd)pyrene	26.355	276	5193	0.167	ng		94
37) Benzo(b)fluoranthene	23.160	252	4736	0.156	ng	#	93
38) Benzo(k)fluoranthene	23.210	252	4733	0.160	ng	#	90
39) Benzo(a)pyrene	23.777	252	4181	0.170	ng	#	89
40) Dibenzo(a,h)anthracene	26.388	278	4167	0.166	ng		96
41) Benzo(g,h,i)perylene	27.101	276	5144	0.189	ng		94

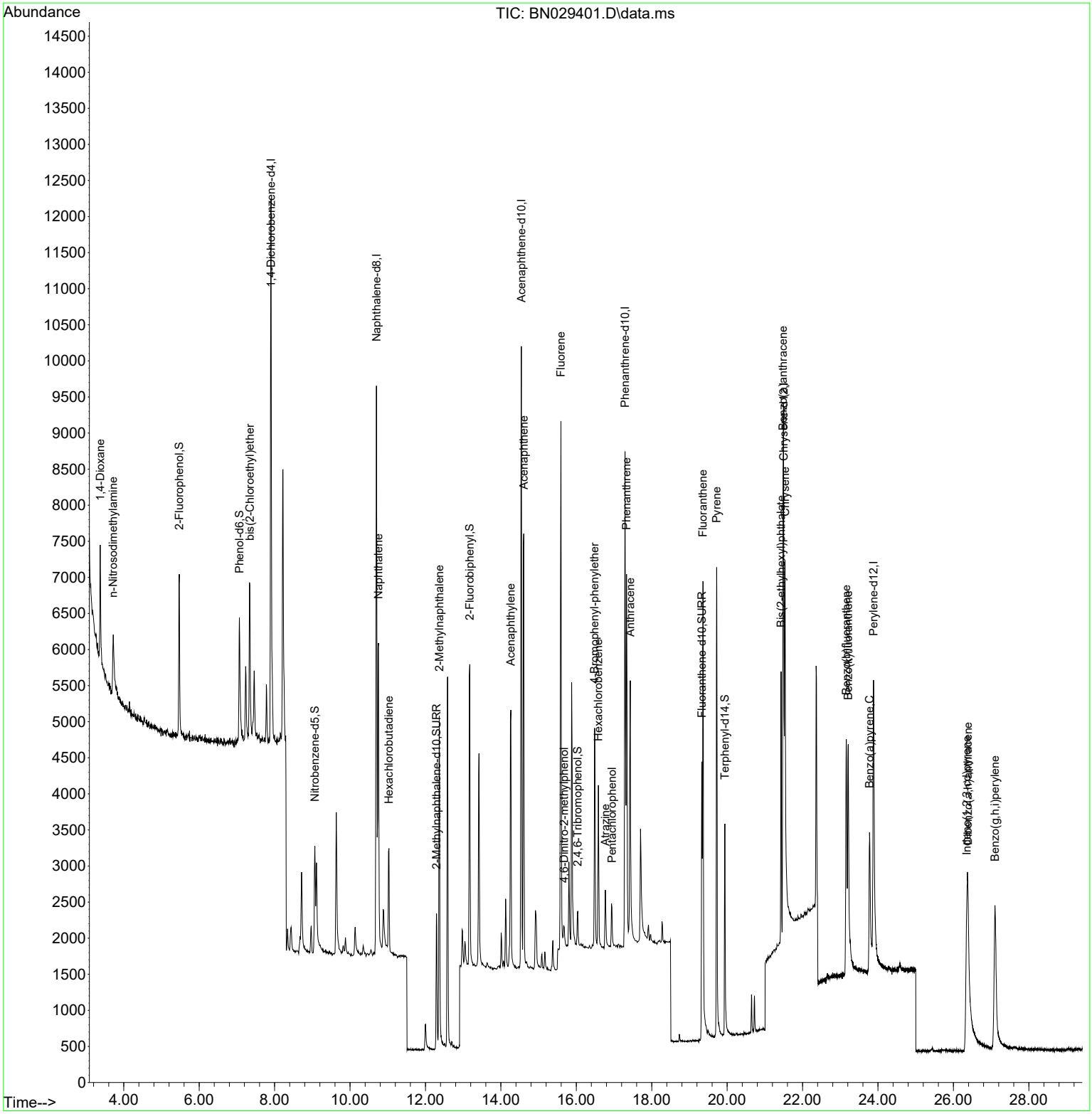
(#) = qualifier out of range (m) = manual integration (+) = signals summed

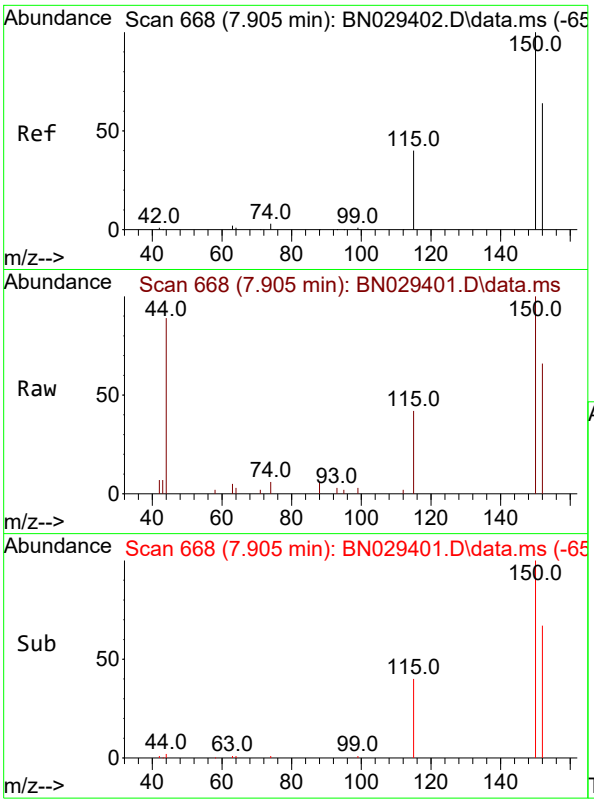
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012924\
Data File : BN029401.D
Acq On : 29 Jan 2024 15:15
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 30 03:22:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:19:29 2024
Response via : Initial Calibration



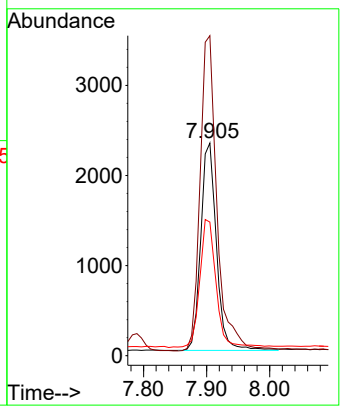


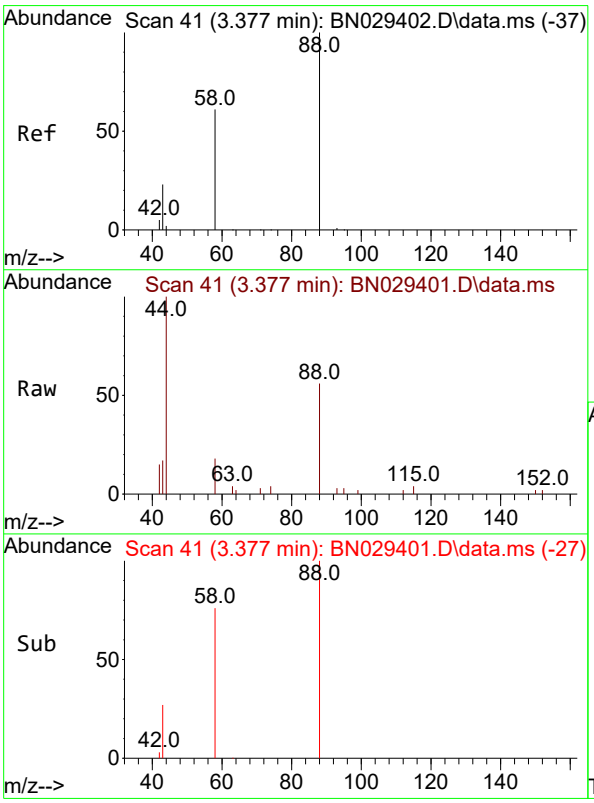
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.905 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3974

Ion	Ratio	Lower	Upper
152	100		
150	150.4	123.0	184.4
115	62.8	51.4	77.0

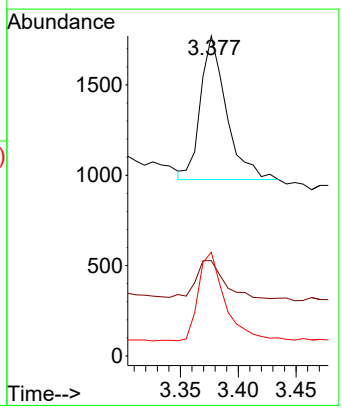


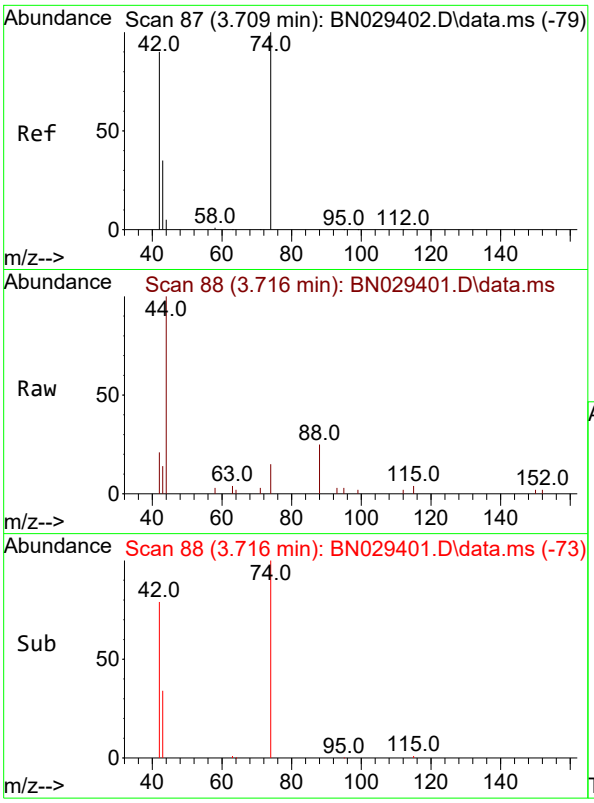


#2
1,4-Dioxane
Concen: 0.229 ng
RT: 3.377 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion: 88 Resp: 1229

Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.3	34.9
58	62.0	53.8	80.6



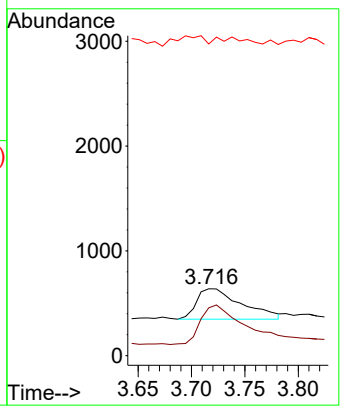


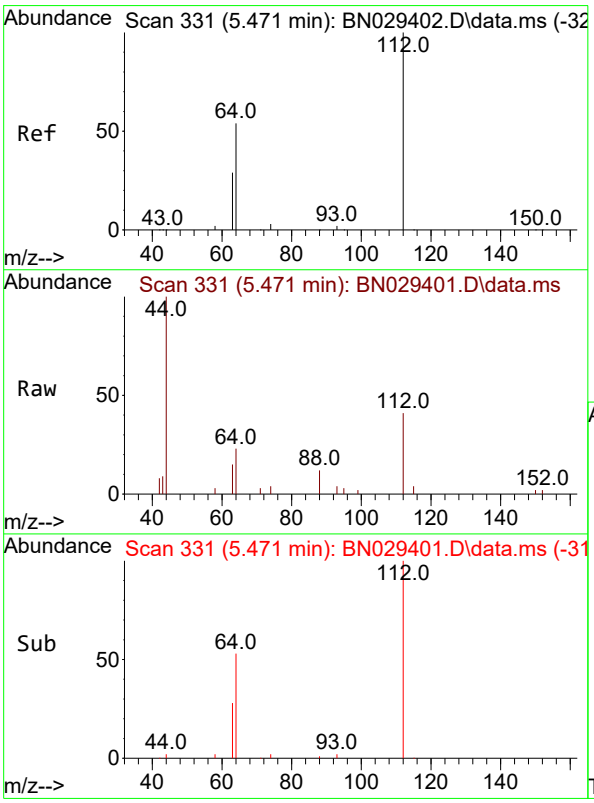
#3
n-Nitrosodimethylamine
Concen: 0.164 ng
RT: 3.716 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 854

Ion	Ratio	Lower	Upper
42	100		
74	125.6	93.7	140.5
44	21.5	13.0	19.4#

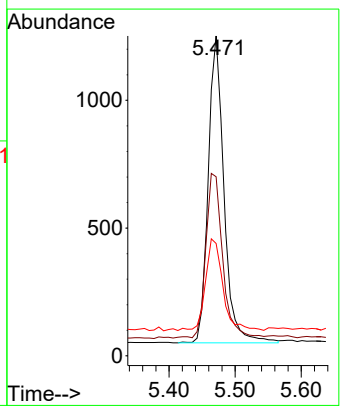


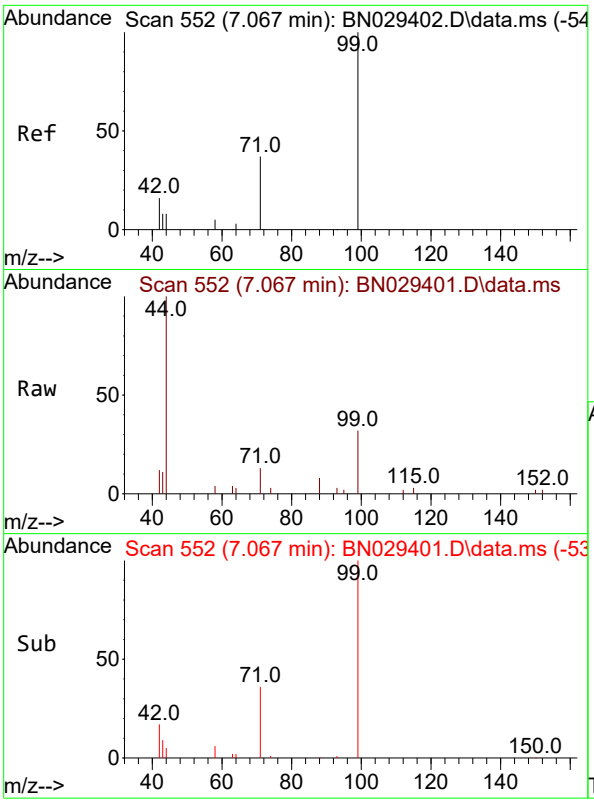


#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.471 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:112 Resp: 1985

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.2	70.8
63	32.7	25.8	38.6



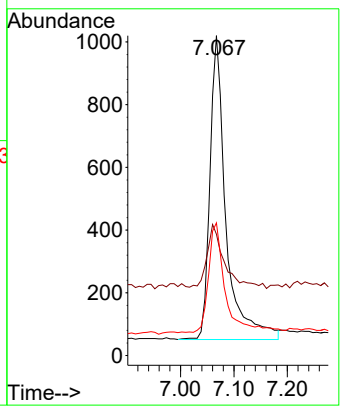


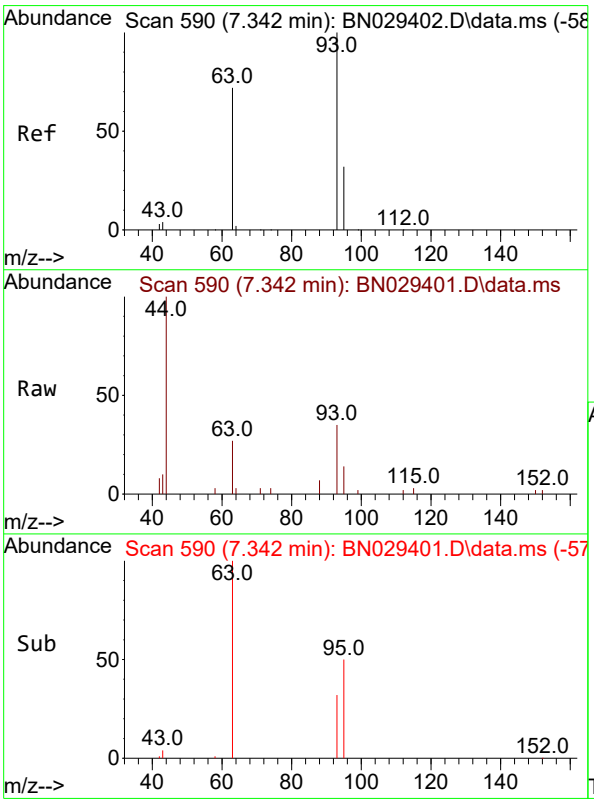
#5
Phenol-d6
Concen: 0.139 ng
RT: 7.067 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2028

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.9	25.3
71	37.9	30.0	45.0

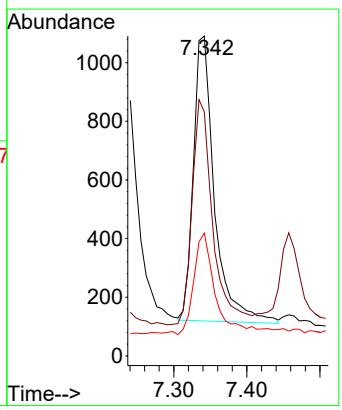


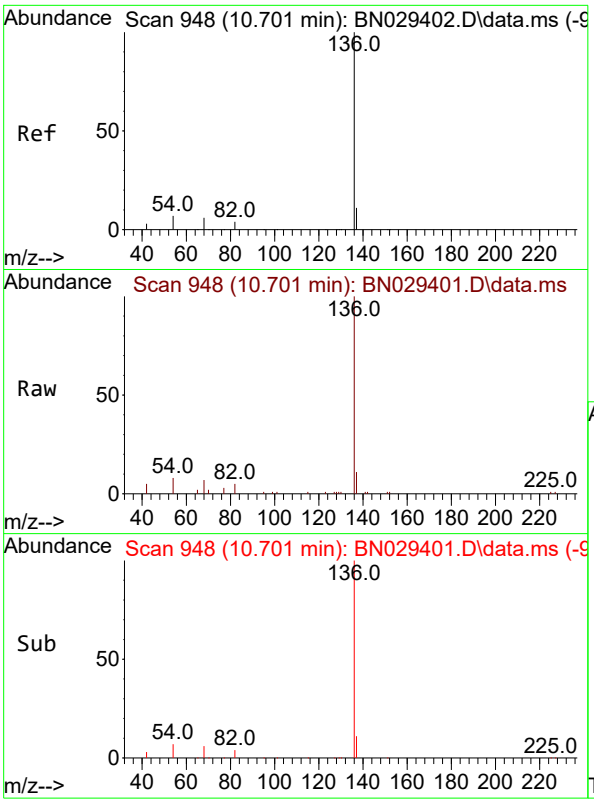


#6
bis(2-Chloroethyl)ether
Concen: 0.143 ng
RT: 7.342 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion: 93 Resp: 1941

Ion	Ratio	Lower	Upper
93	100		
63	77.8	63.1	94.7
95	38.7	27.1	40.7



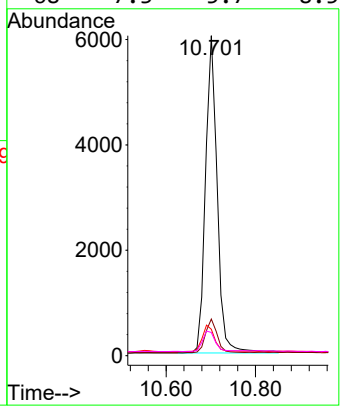


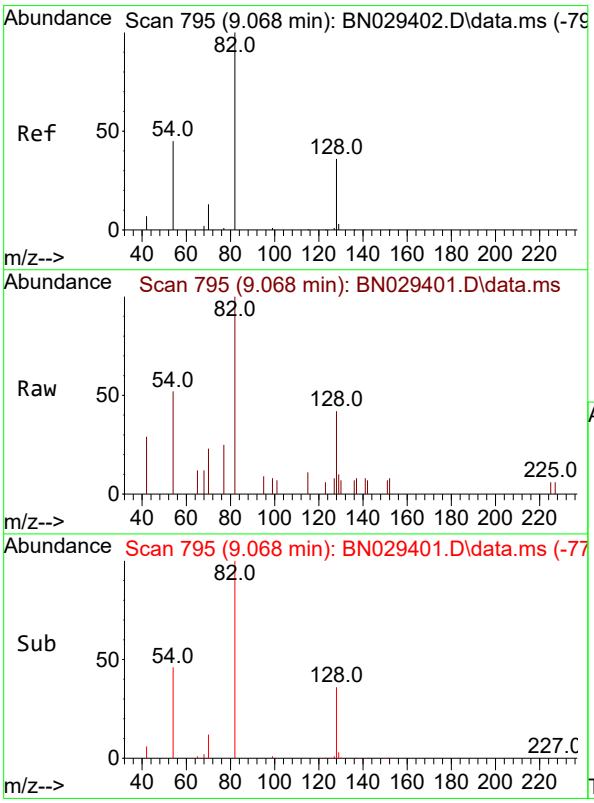
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 10910

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	8.2	6.6	10.0
68	7.3	5.7	8.5

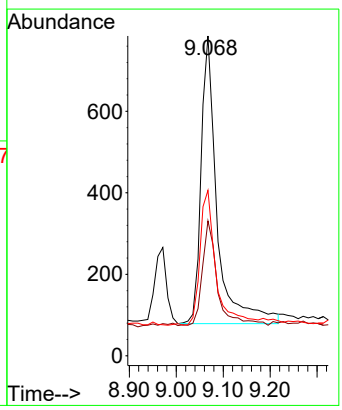


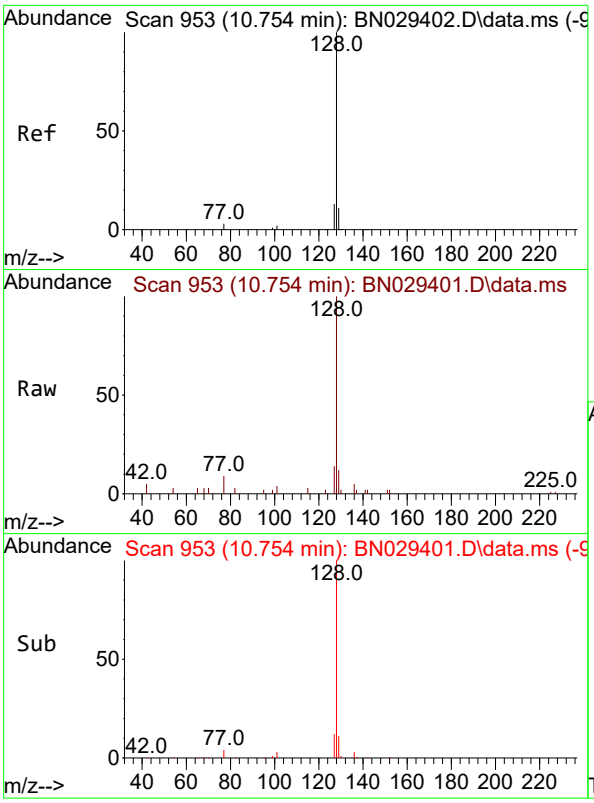


#8
Nitrobenzene-d5
Concen: 0.146 ng
RT: 9.068 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion: 82 Resp: 1675

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.6	47.4
54	51.7	38.2	57.4



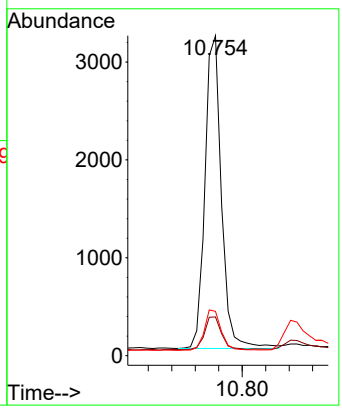


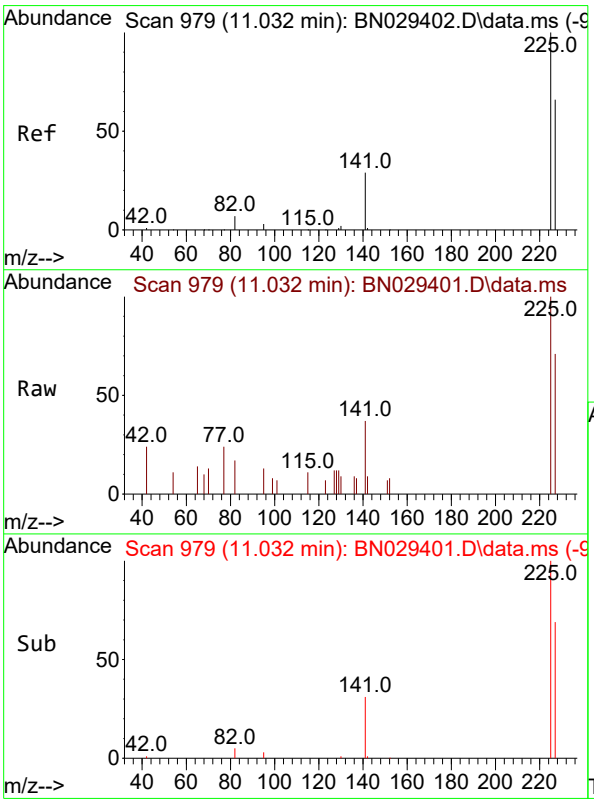
#9
Naphthalene
Concen: 0.180 ng
RT: 10.754 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 6242

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	13.9	10.8	16.2

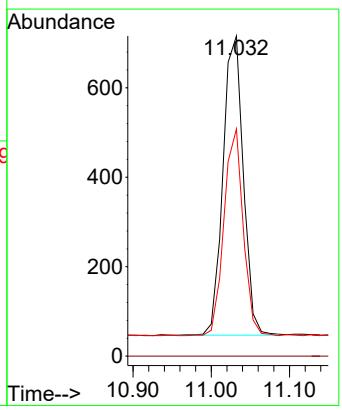


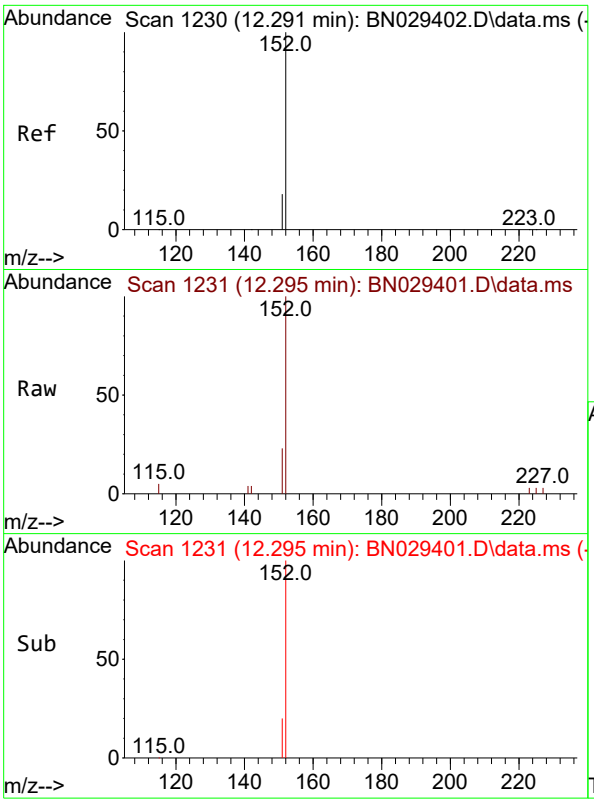


#10
Hexachlorobutadiene
Concen: 0.190 ng
RT: 11.032 min Scan# 979
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:225 Resp: 1206

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.3	51.1	76.7



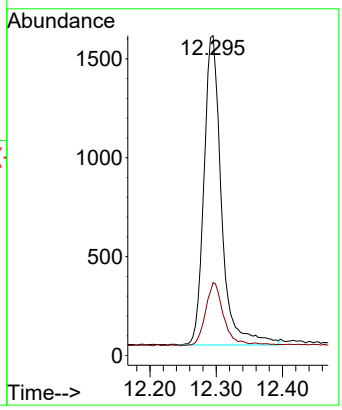


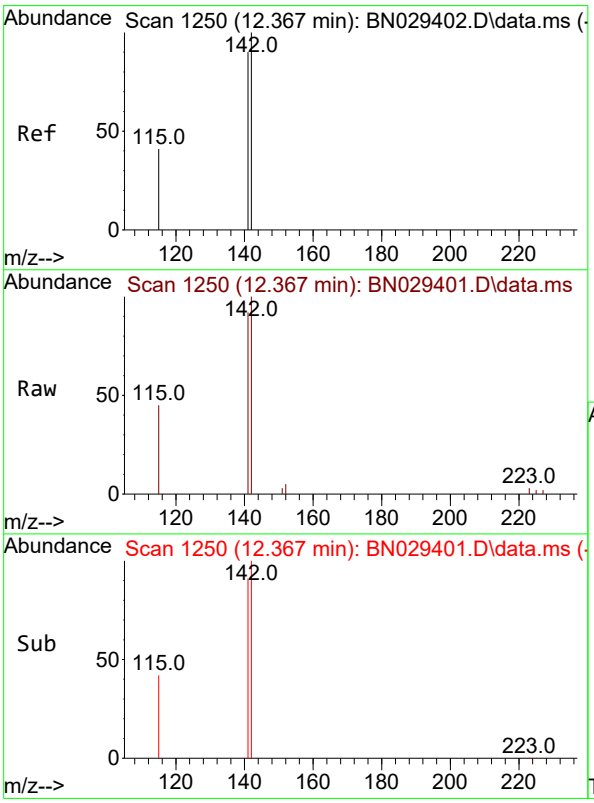
#11
2-Methylnaphthalene-d10
Concen: 0.164 ng
RT: 12.295 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2861

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7

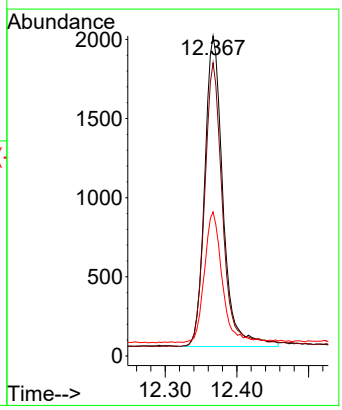


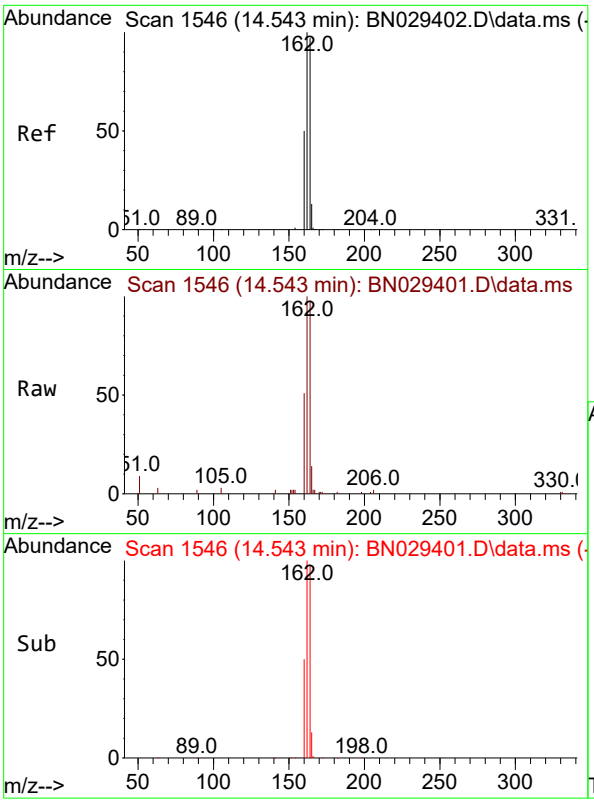


#12
2-Methylnaphthalene
Concen: 0.156 ng
RT: 12.367 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:142 Resp: 3484

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
115	45.0	33.9	50.9



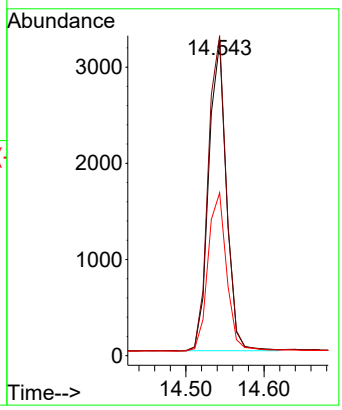


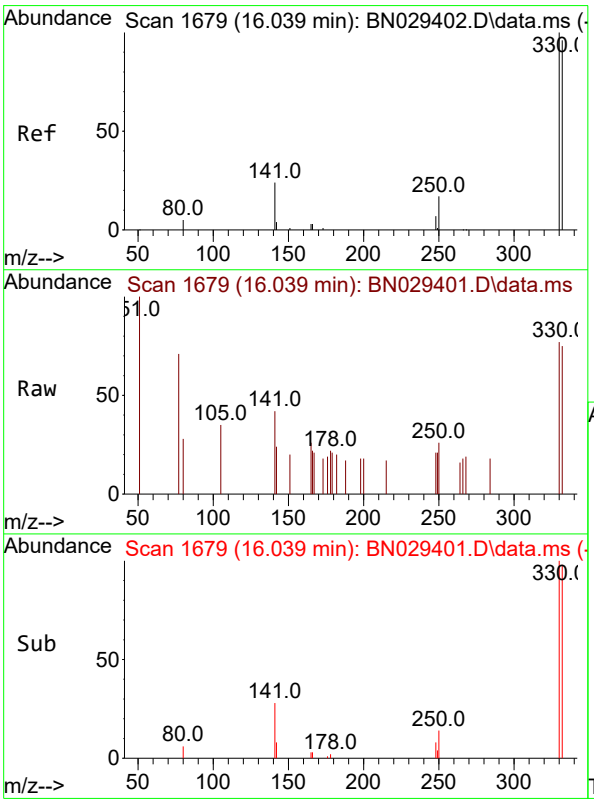
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 5046

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	51.9	41.5	62.3

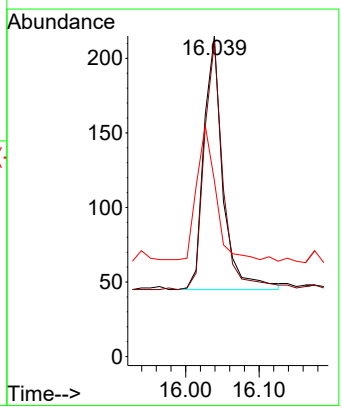


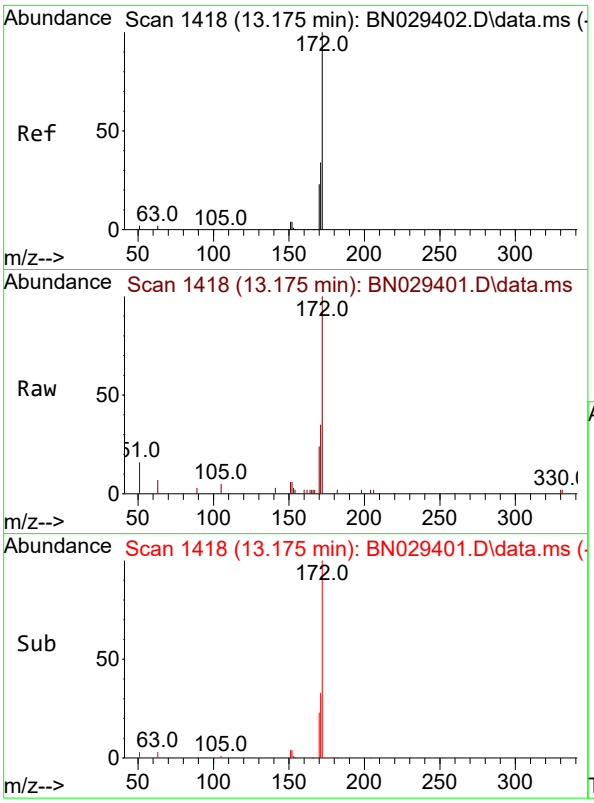


#14
2,4,6-Tribromophenol
Concen: 0.137 ng
RT: 16.039 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:330 Resp: 305

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	54.8	43.4	65.2



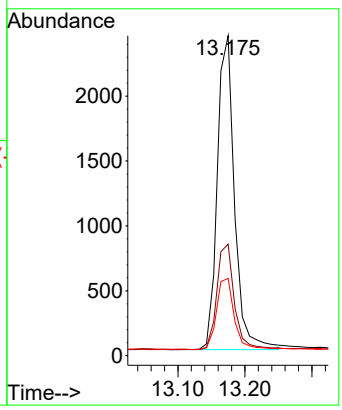


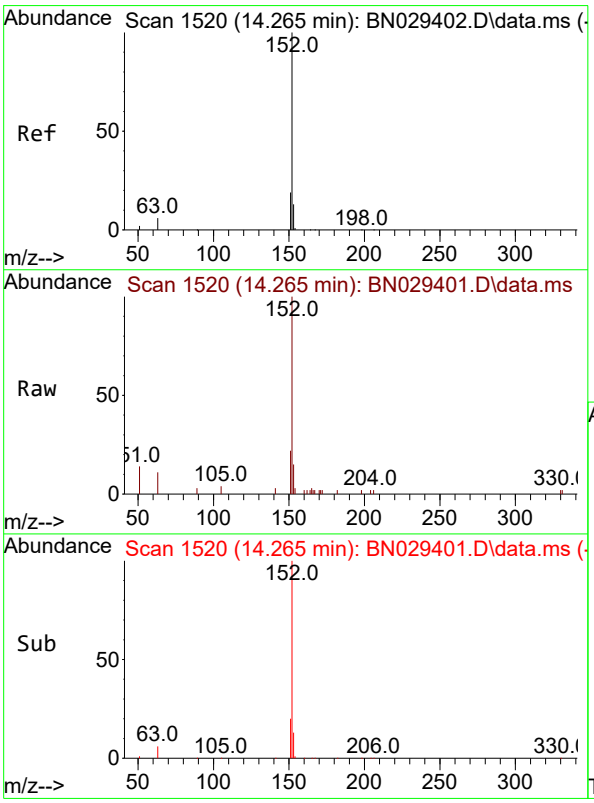
#15
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 13.175 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 4327

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	24.2	18.7	28.1

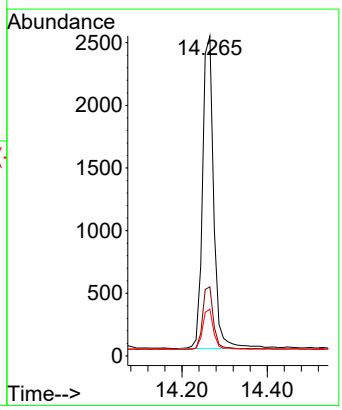


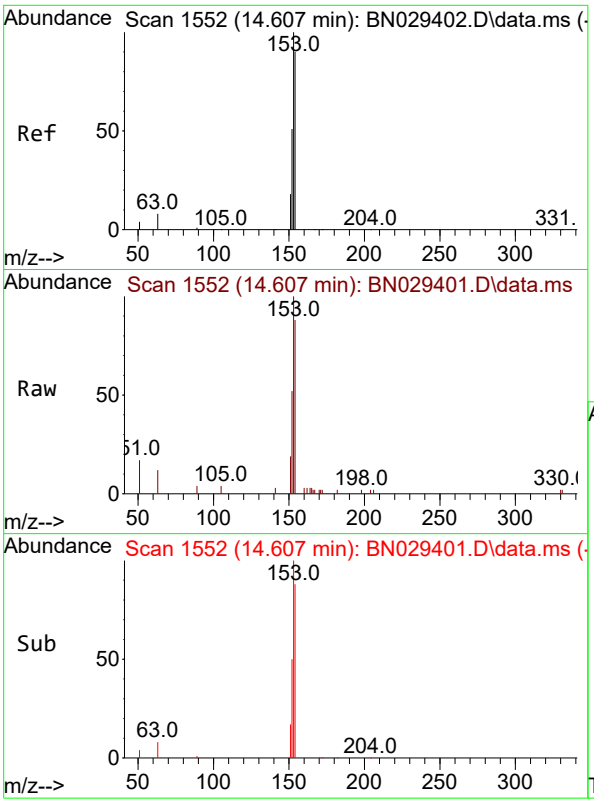


#16
Acenaphthylene
Concen: 0.171 ng
RT: 14.265 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:152 Resp: 4562

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.8	10.5	15.7



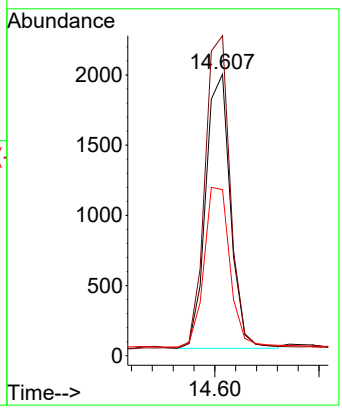


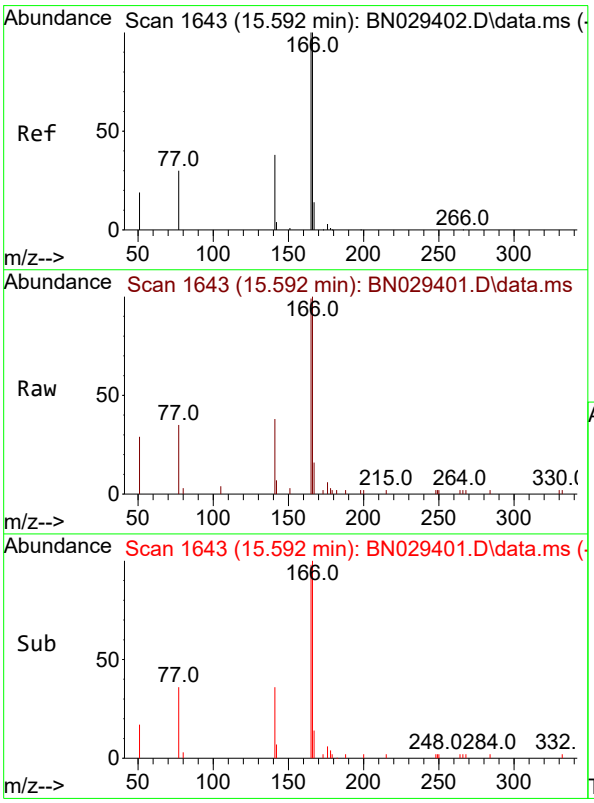
#17
Acenaphthene
Concen: 0.180 ng
RT: 14.607 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 3217

Ion	Ratio	Lower	Upper
154	100		
153	116.6	93.6	140.4
152	61.9	48.6	73.0

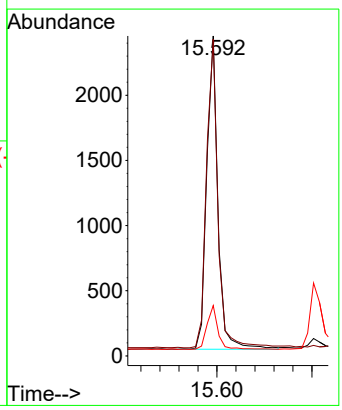


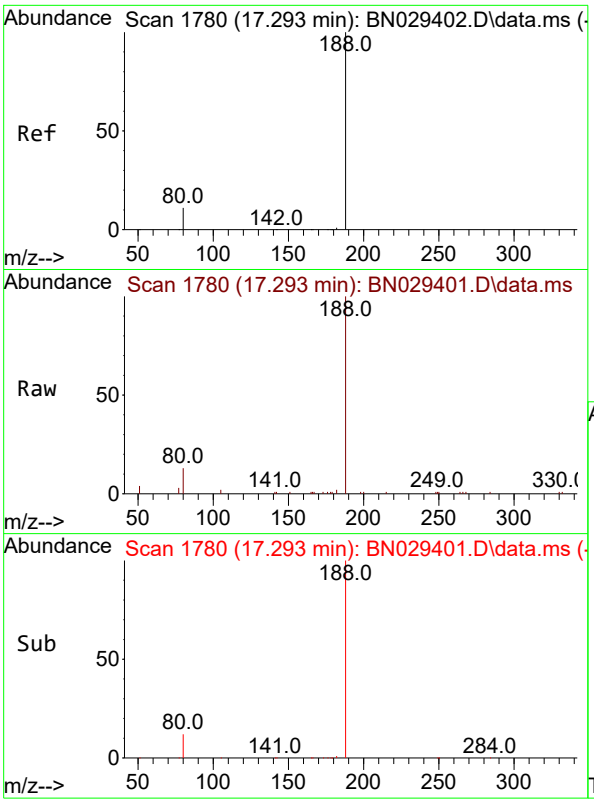


#18
Fluorene
Concen: 0.167 ng
RT: 15.592 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:166 Resp: 3960

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	13.9	11.3	16.9



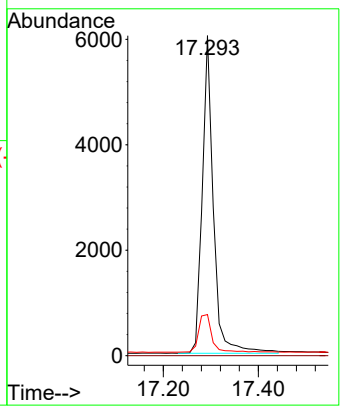


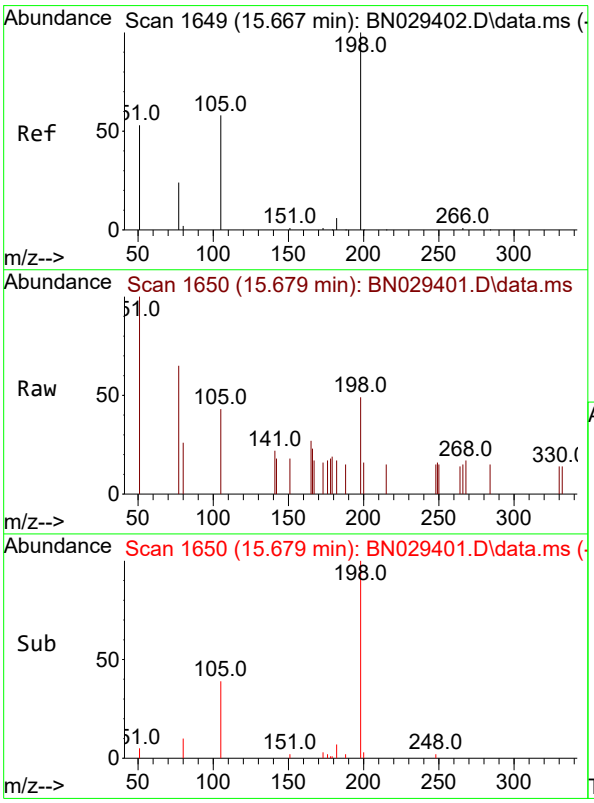
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 9839

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	10.0	15.0

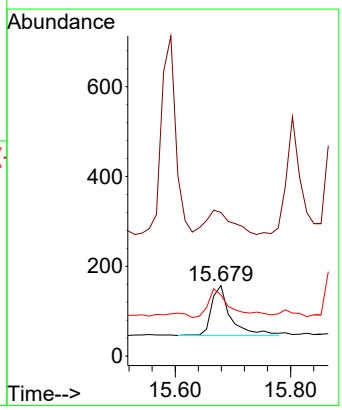


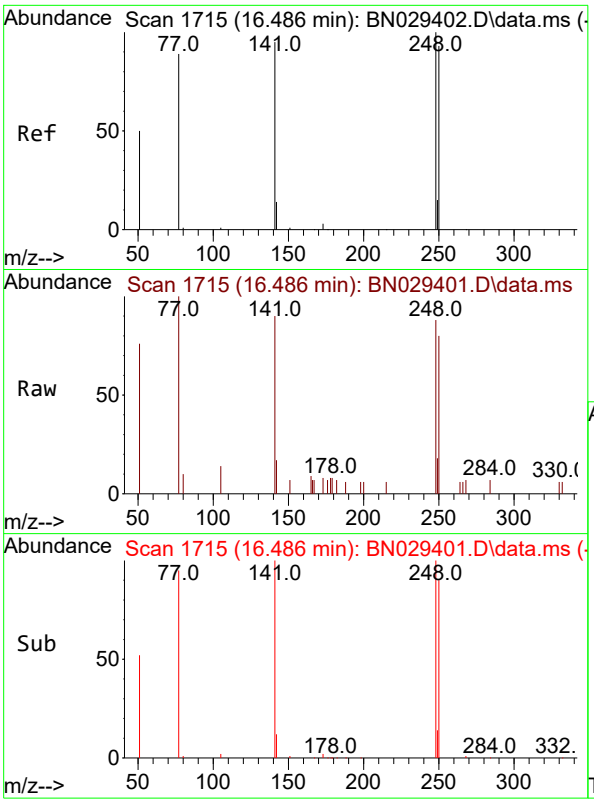


#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.679 min Scan# 1650
Delta R.T. 0.012 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:198 Resp: 255

Ion	Ratio	Lower	Upper
198	100		
51	203.8	111.0	166.6#
105	86.6	67.0	100.6



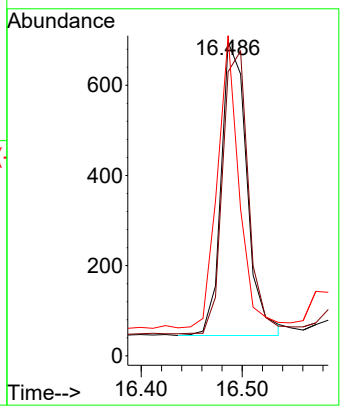


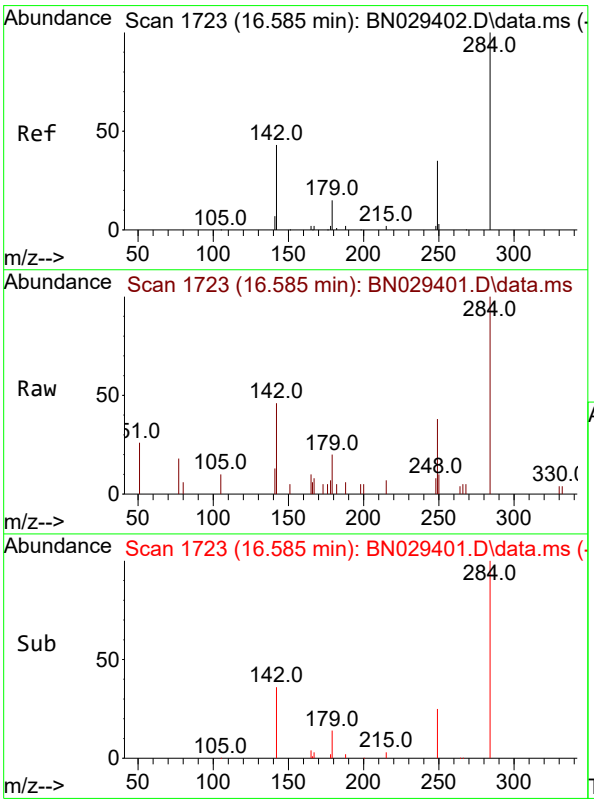
#21
4-Bromophenyl-phenylether
Concen: 0.173 ng
RT: 16.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 1157

Ion	Ratio	Lower	Upper
248	100		
250	90.5	75.0	112.4
141	102.0	77.0	115.6

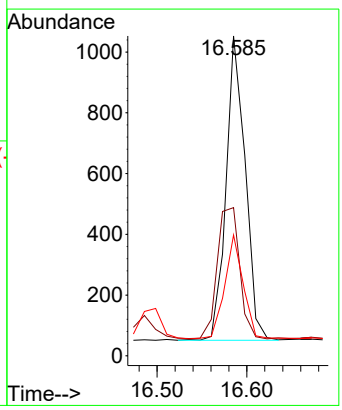


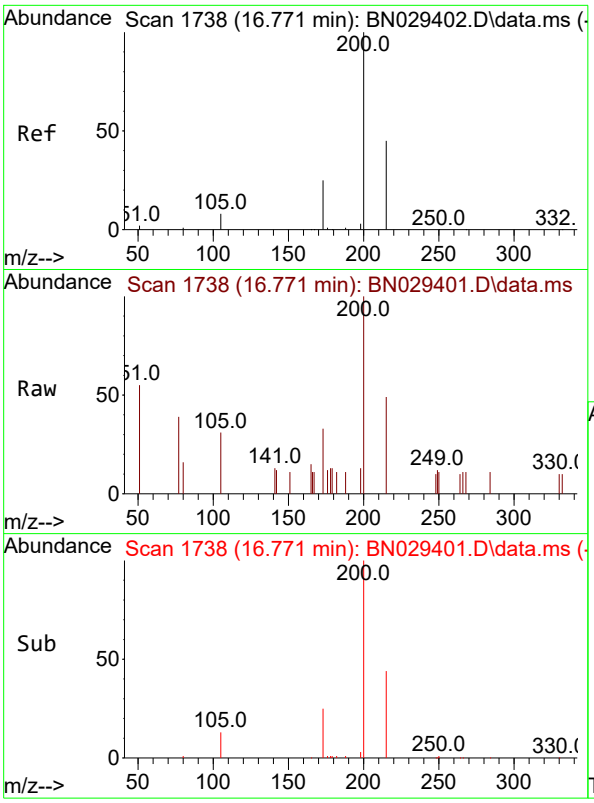


#22
Hexachlorobenzene
Concen: 0.194 ng
RT: 16.585 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:284 Resp: 1487

Ion	Ratio	Lower	Upper
284	100		
142	50.4	39.4	59.2
249	32.9	26.9	40.3



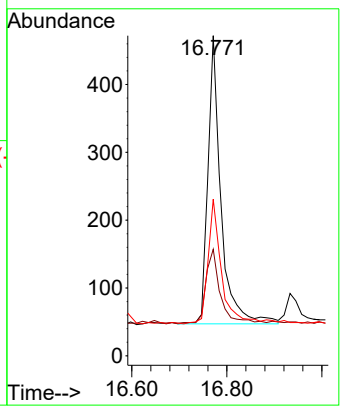


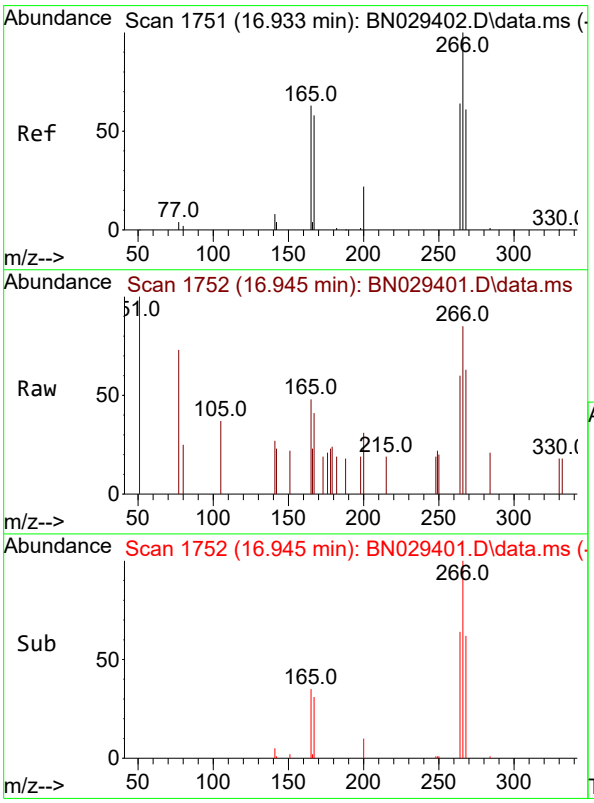
#23
Atrazine
Concen: 0.162 ng
RT: 16.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 814

Ion	Ratio	Lower	Upper
200	100		
173	33.3	23.4	35.0
215	48.9	38.4	57.6

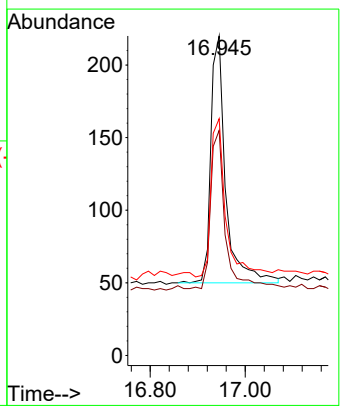


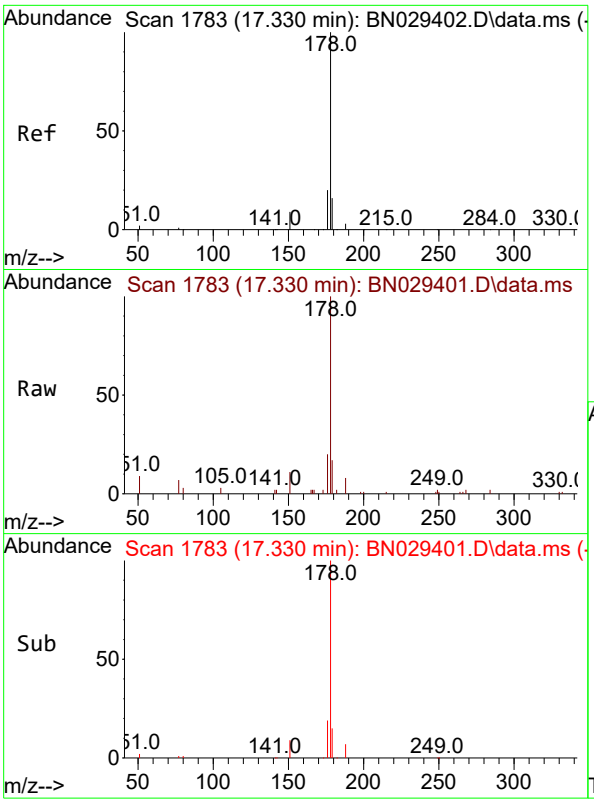


#24
Pentachlorophenol
Concen: 0.130 ng
RT: 16.945 min Scan# 1752
Delta R.T. 0.012 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:266 Resp: 369

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.8	76.2
268	65.0	51.5	77.3



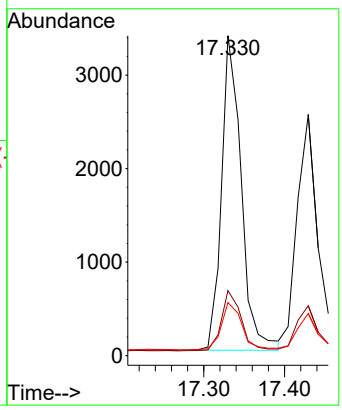


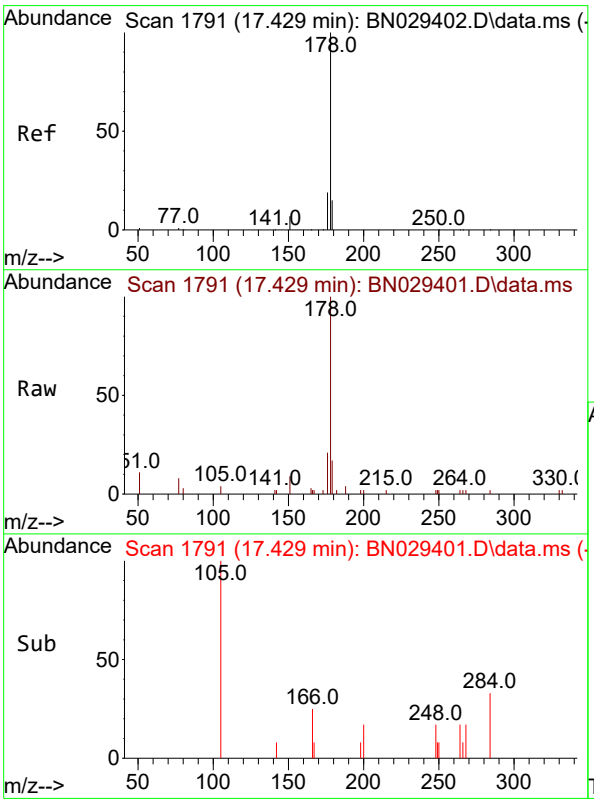
#25
Phenanthrene
Concen: 0.170 ng
RT: 17.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 5698

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.7	12.6	19.0

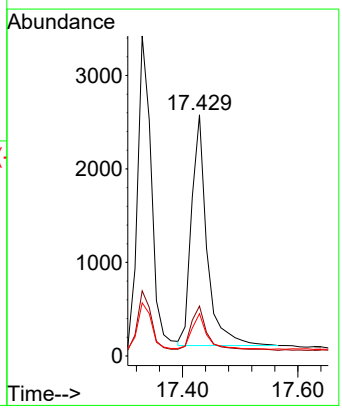


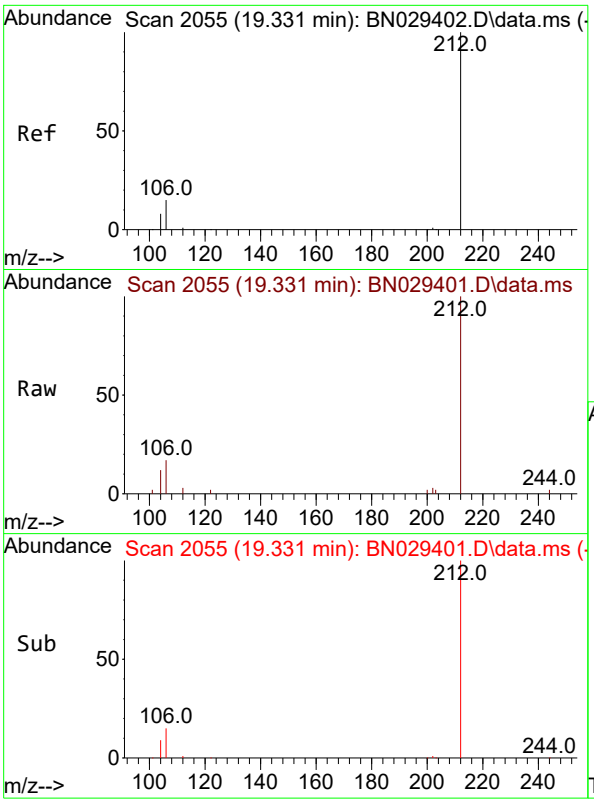


#26
Anthracene
Concen: 0.156 ng
RT: 17.429 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:178 Resp: 4599

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	15.2	12.3	18.5



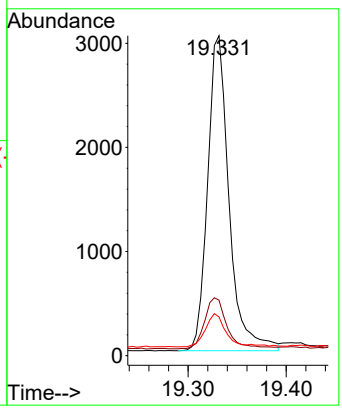


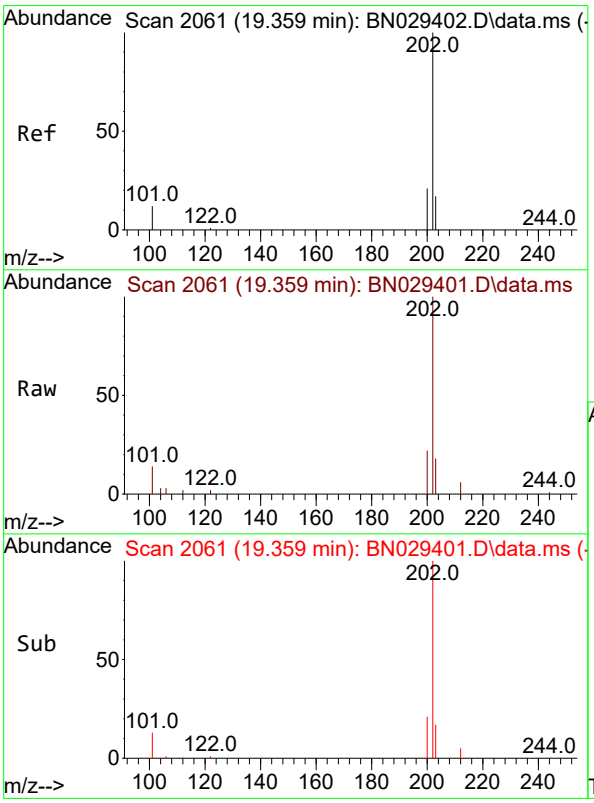
#27
Fluoranthene-d10
Concen: 0.162 ng
RT: 19.331 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 4596

Ion	Ratio	Lower	Upper
212	100		
106	16.8	13.2	19.8
104	9.8	7.7	11.5

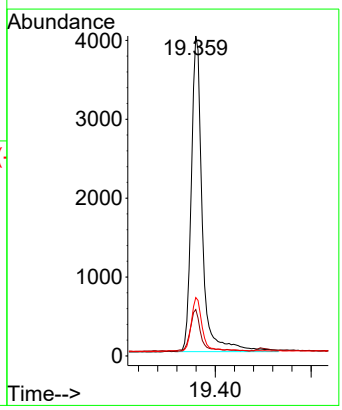


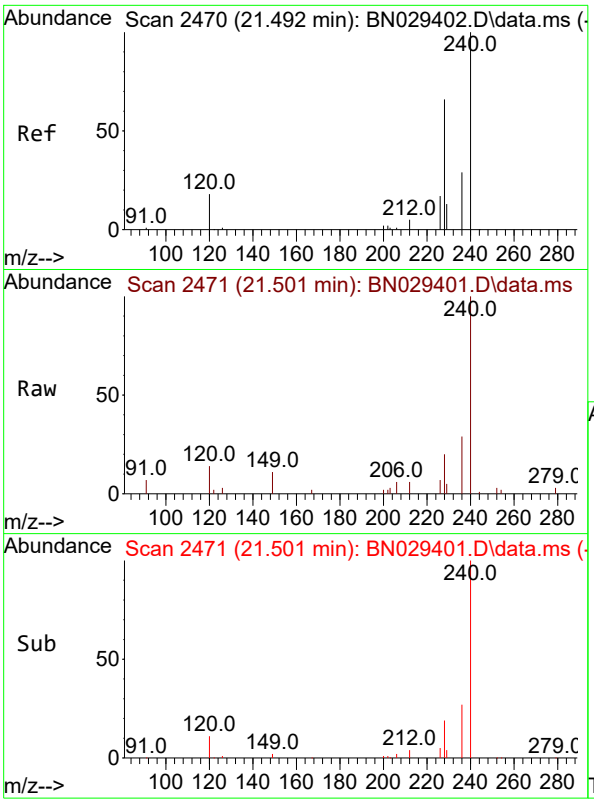


#28
Fluoranthene
Concen: 0.163 ng
RT: 19.359 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:202 Resp: 6421

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.5	15.7
203	16.9	13.5	20.3



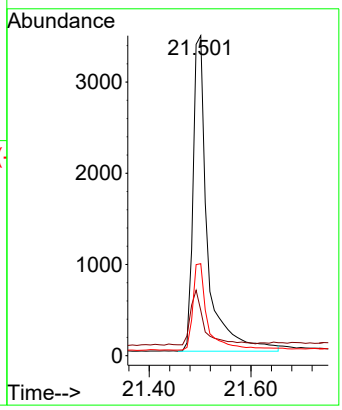


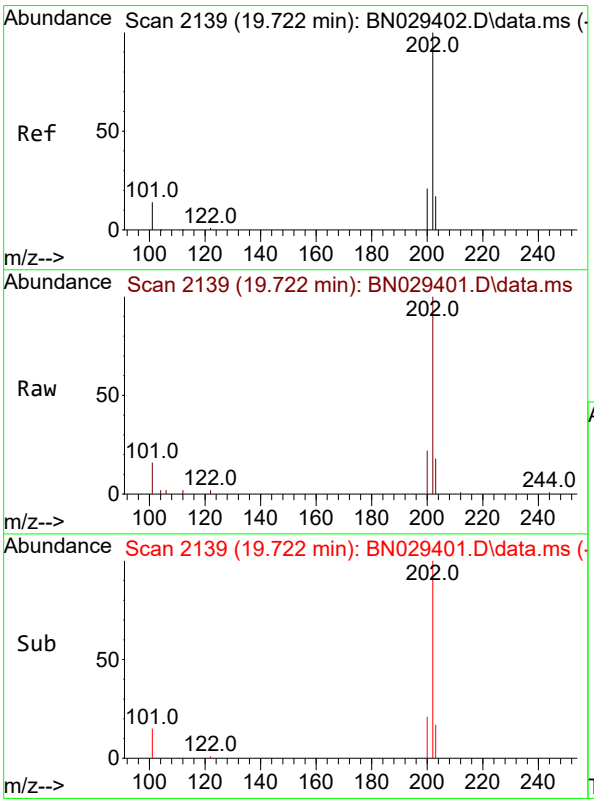
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.501 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 6860

Ion	Ratio	Lower	Upper
240	100		
120	14.2	16.7	25.1#
236	28.8	23.9	35.9

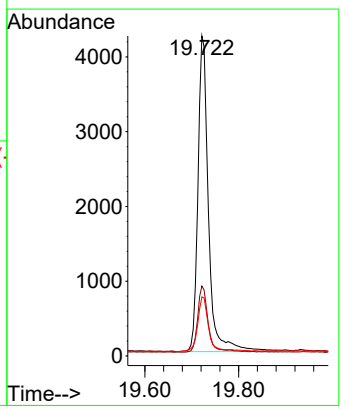


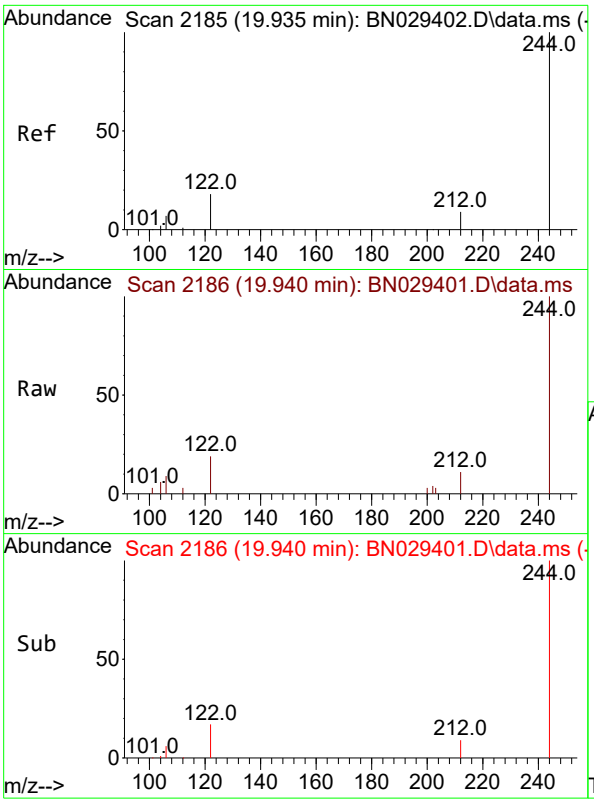


#30
Pyrene
Concen: 0.211 ng
RT: 19.722 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:202 Resp: 6581

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.9	14.2	21.4



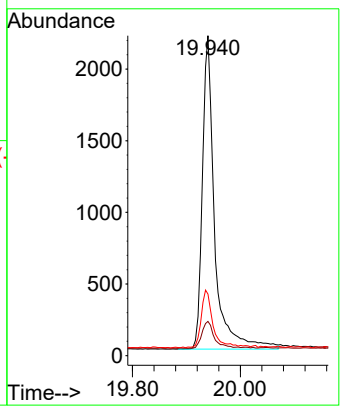


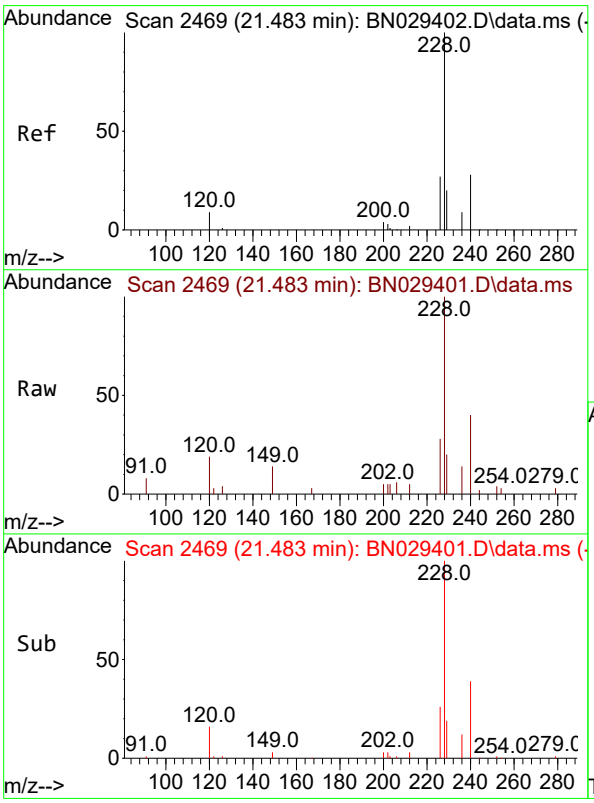
#31
Terphenyl-d14
Concen: 0.202 ng
RT: 19.940 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3452

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.2	12.4
122	19.3	15.6	23.4

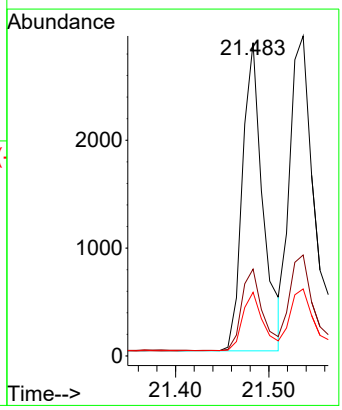


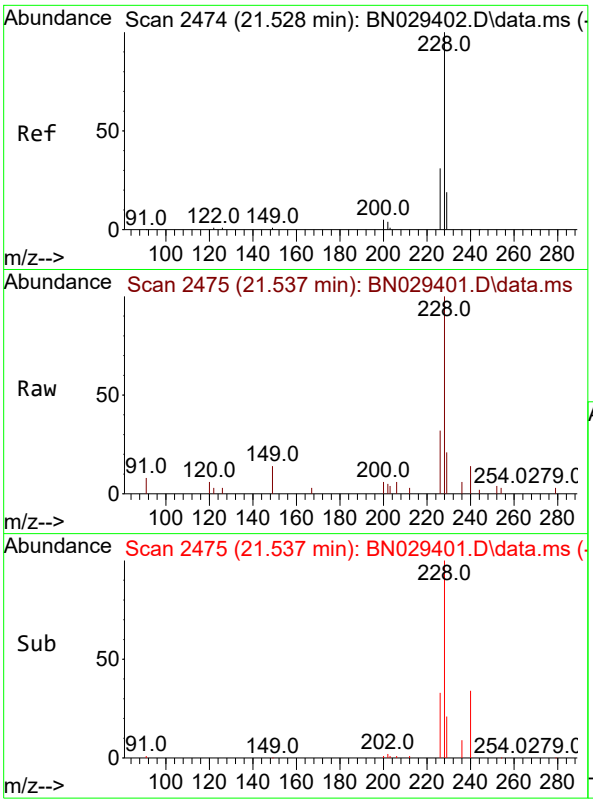


#32
Benzo(a)anthracene
Concen: 0.156 ng
RT: 21.483 min Scan# 2469
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:228 Resp: 4364

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.4
229	20.3	16.5	24.7



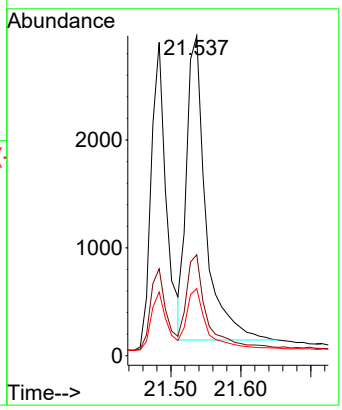


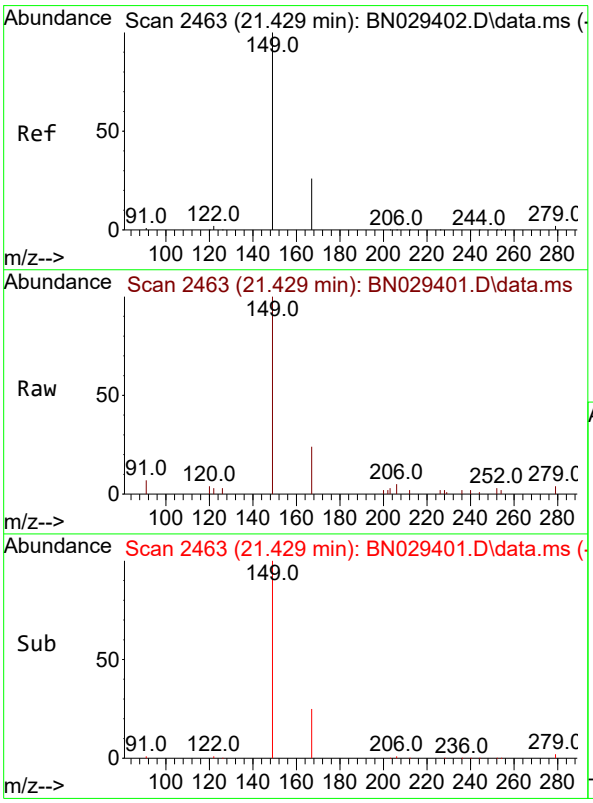
#33
Chrysene
Concen: 0.186 ng
RT: 21.537 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 5386

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.0	15.9	23.9

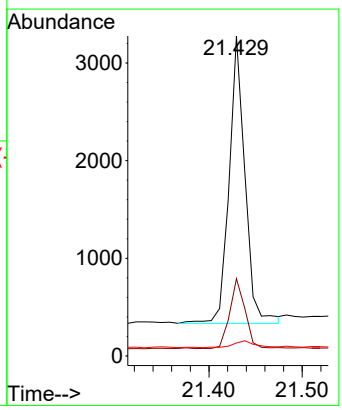


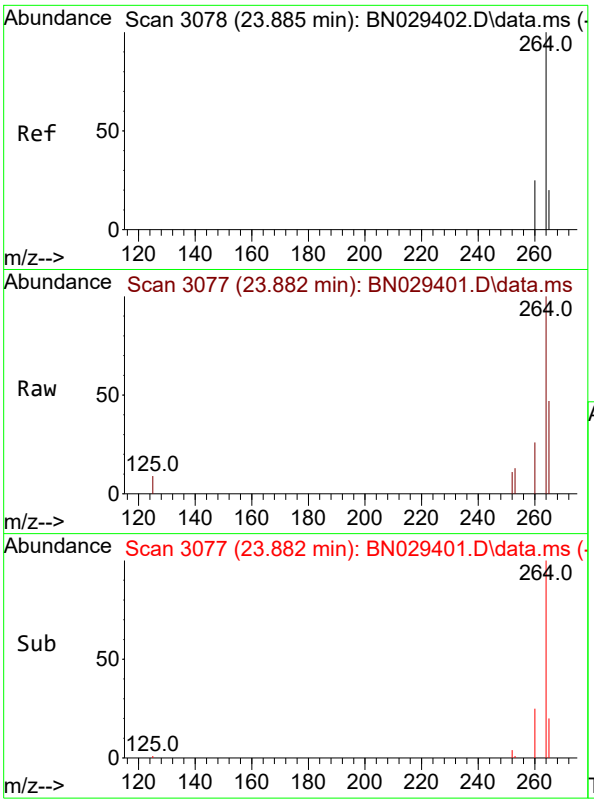


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.203 ng
RT: 21.429 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:149 Resp: 3479

Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.1	30.1
279	3.2	2.5	3.7



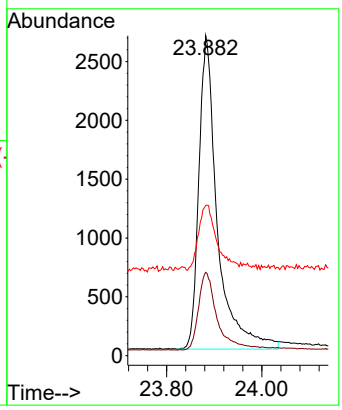


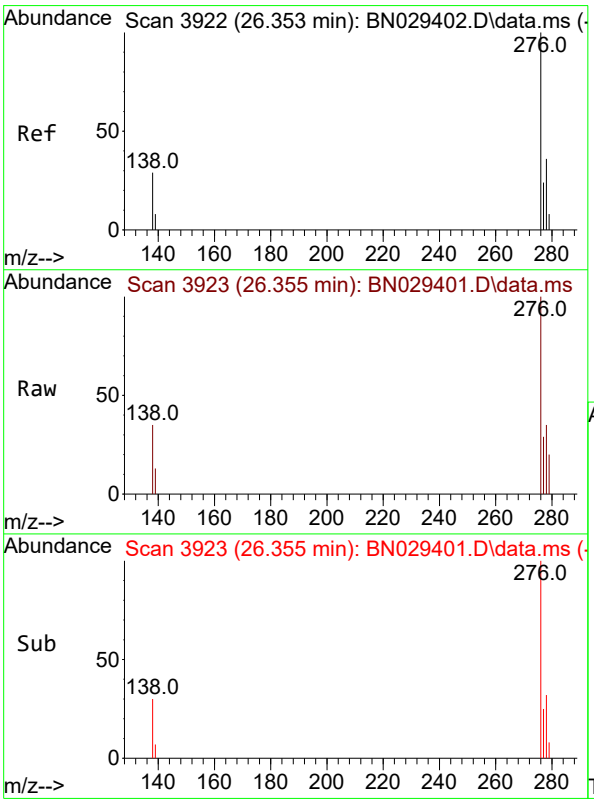
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.882 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 7202

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	46.9	41.5	62.3

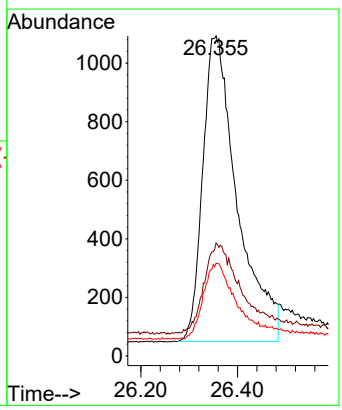


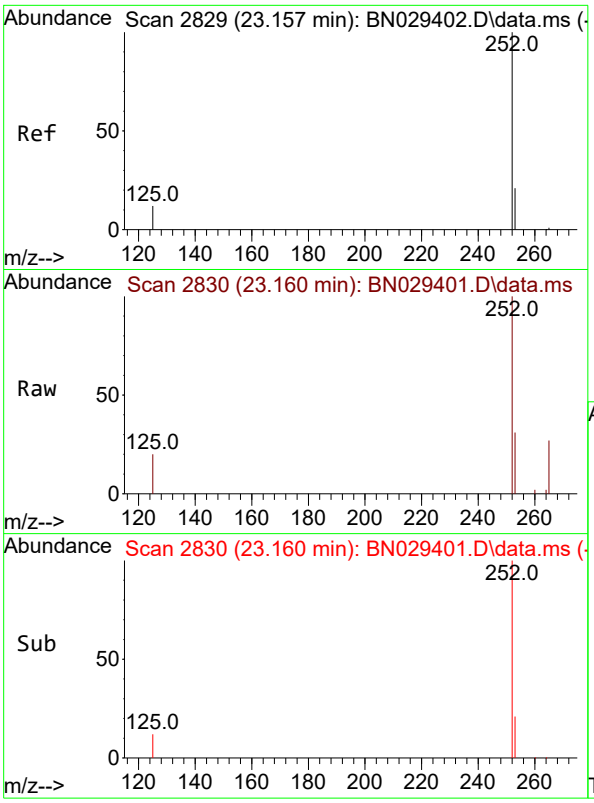


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng
RT: 26.355 min Scan# 3923
Delta R.T. 0.003 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:276 Resp: 5193

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.5	30.7
277	23.1	17.0	25.4



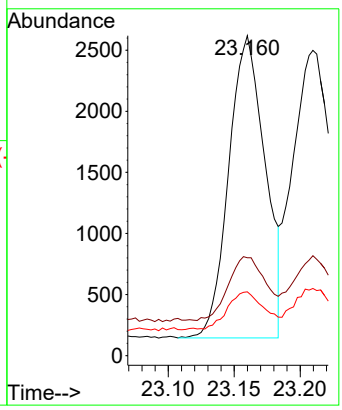


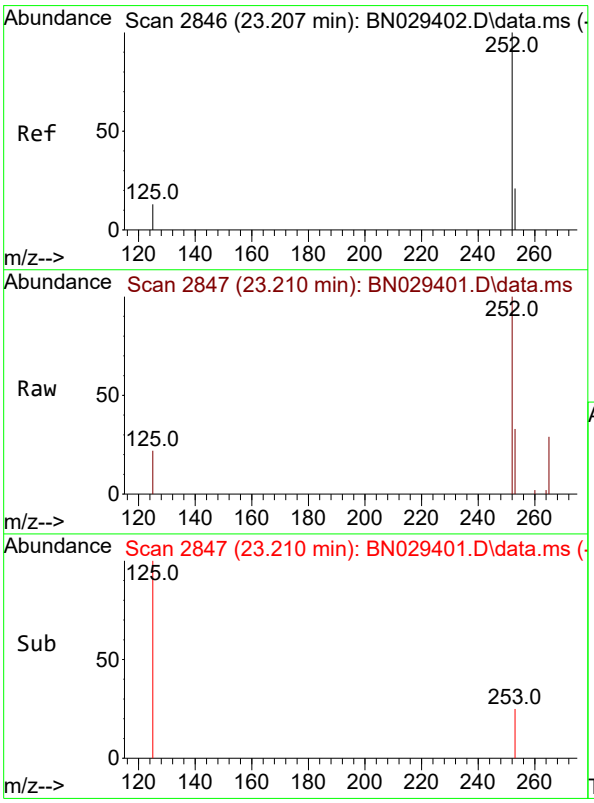
#37
Benzo(b)fluoranthene
Concen: 0.156 ng
RT: 23.160 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 4736

Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.7	32.5
125	19.9	13.3	19.9#

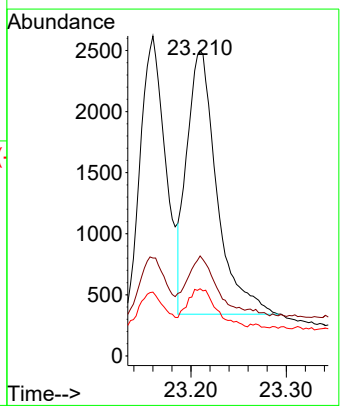


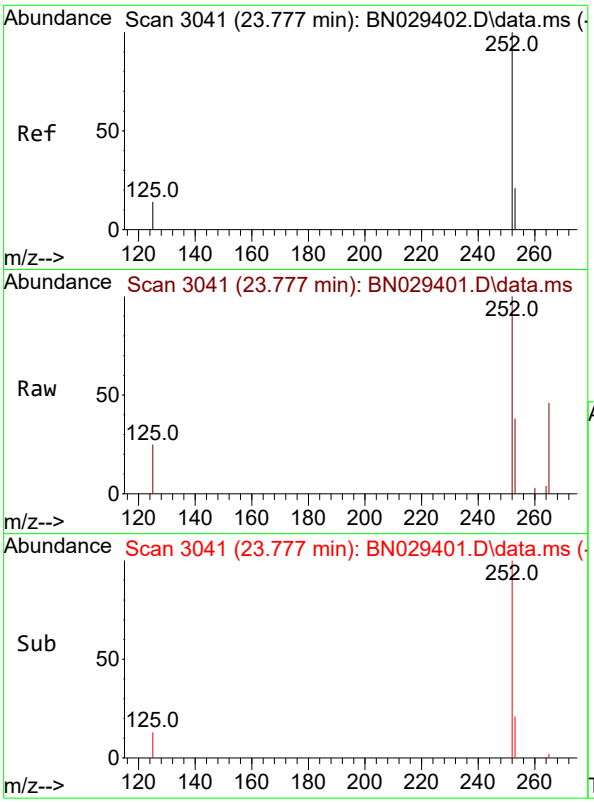


#38
Benzo(k)fluoranthene
Concen: 0.160 ng
RT: 23.210 min Scan# 2847
Delta R.T. 0.003 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:252 Resp: 4733

Ion	Ratio	Lower	Upper
252	100		
253	32.7	21.8	32.8
125	22.0	13.9	20.9#



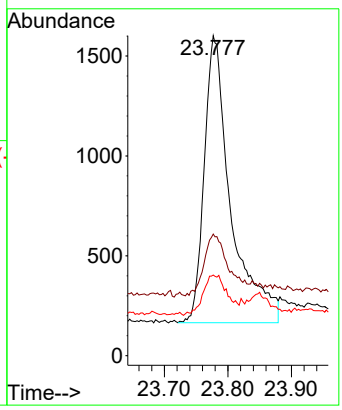


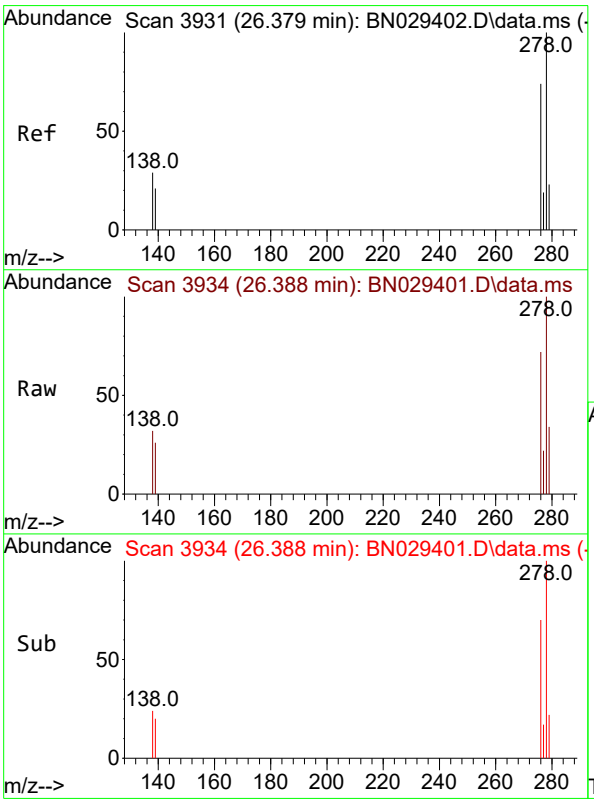
#39
Benzo(a)pyrene
Concen: 0.170 ng
RT: 23.777 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 4181

Ion	Ratio	Lower	Upper
252	100		
253	38.0	24.9	37.3#
125	25.2	16.6	25.0#

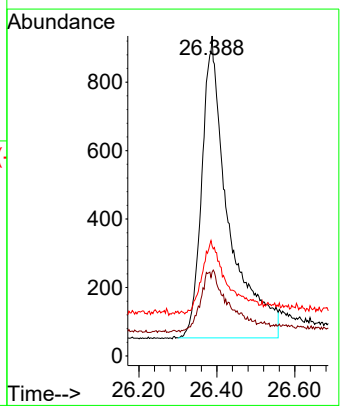


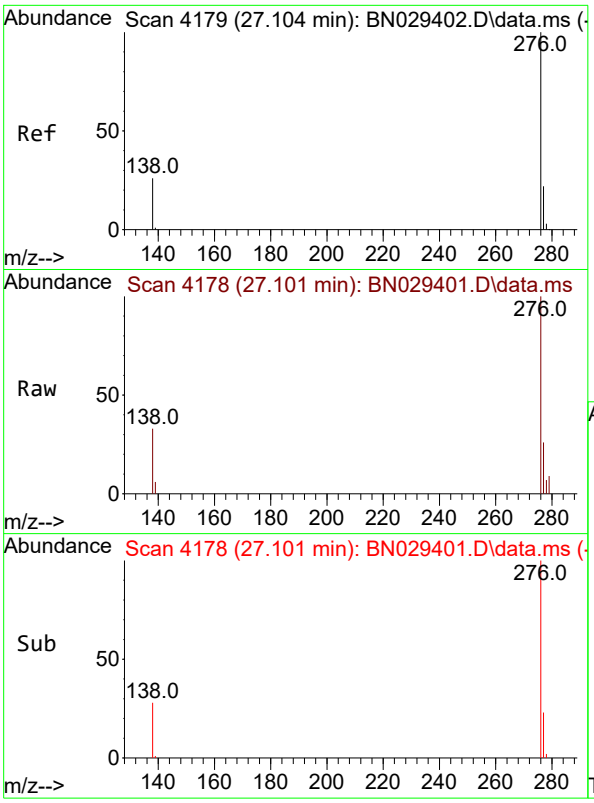


#40
Dibenzo(a,h)anthracene
Concen: 0.166 ng
RT: 26.388 min Scan# 3934
Delta R.T. 0.009 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Tgt Ion:278 Resp: 4167

Ion	Ratio	Lower	Upper
278	100		
139	26.2	20.4	30.6
279	34.3	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.189 ng
RT: 27.101 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN029401.D
Acq: 29 Jan 2024 15:15

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5144

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.4	29.2
138	33.4	23.5	35.3