Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034051.D
Acq On : 19 Sep 2024 15:31
Operator : JU/RC
Sample : P3845-05DL 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Quant Time: Sep 19 15:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.430	152	7820	0.400	ng		0.00
7) Naphthalene-d8	10.191	136	23087	0.400	ng		0.00
13) Acenaphthene-d10	14.083	164	14195	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	31128	0.400	ng	#	0.00
29) Chrysene-d12	21.062	240	25511	0.400	ng		0.00
35) Perylene-d12	23.195	264	25402	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	60181	2.712	ng		0.00
5) Phenol-d6	6.629	99	70844	2.744	ng		0.00
8) Nitrobenzene-d5	8.568	82	35597	2.016	ng		0.00
11) 2-Methylnaphthalene-d10	11.780	152	3	0.000	ng		-0.01
14) 2,4,6-Tribromophenol	15.579	330	15653	2.434	ng		0.00
15) 2-Fluorobiphenyl	12.693	172	116916	2.025	ng		0.00
27) Fluoranthene-d10	18.885	212	13	0.000	ng		0.00
31) Terphenyl-d14	19.507	244	129632	2.544	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.364	42	25975	2.334	ng	#	93
6) bis(2-Chloroethyl)ether	6.874	93	59438	2.603	ng		97
9) Naphthalene	10.233	128	189560	2.992	ng		99
10) Hexachlorobutadiene	10.532	225	17616	1.476	ng	#	99
12) 2-Methylnaphthalene	11.867	142	76933	1.866	ng		97
16) Acenaphthylene	13.794	152	193446	3.184	ng		100
17) Acenaphthene	14.147	154	18023	0.414	ng		99
18) Fluorene	15.141	166	215921	3.776	ng		99
22) Hexachlorobenzene	16.150	284	60731	3.095	ng		99
26) Anthracene	16.970	178	199827	2.739	ng		100
30) Pyrene	19.280	202	69844	0.649	ng		99
33) Chrysene	21.098	228	279248	2.900	ng		99
34) Bis(2-ethylhexyl)phtha...	21.017	149	71875	2.138	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.285	276	236437	2.172	ng		99
37) Benzo(b)fluoranthene	22.569	252	101492	1.020	ng	#	94
38) Benzo(k)fluoranthene	22.610	252	166322	1.592	ng	#	89
39) Benzo(a)pyrene	23.104	252	137743	1.698	ng	#	88
40) Dibenzo(a,h)anthracene	25.302	278	167164	1.977	ng		96
41) Benzo(g,h,i)perylene	25.922	276	146196	1.539	ng		99

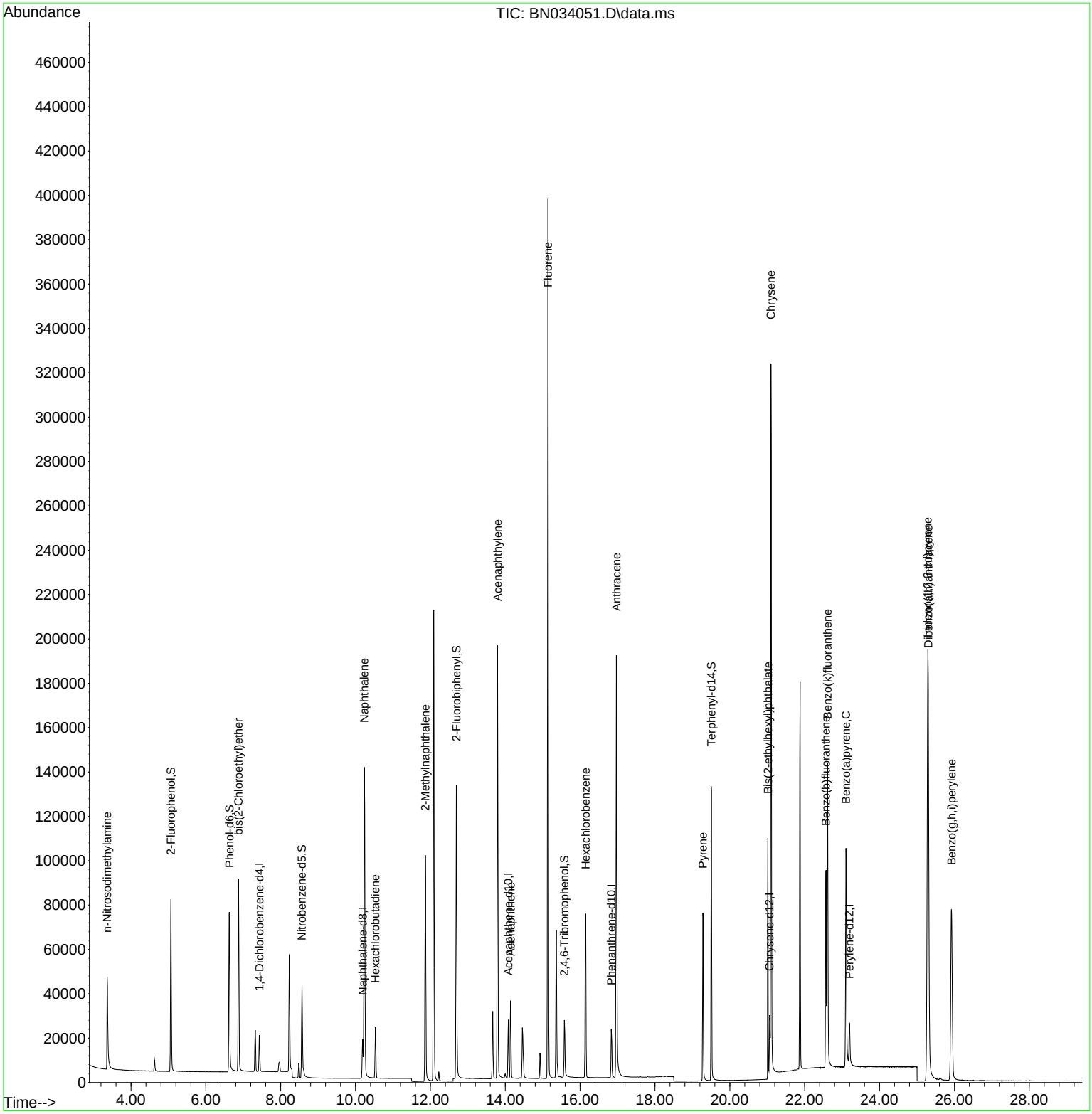
(#) = qualifier out of range (m) = manual integration (+) = signals summed

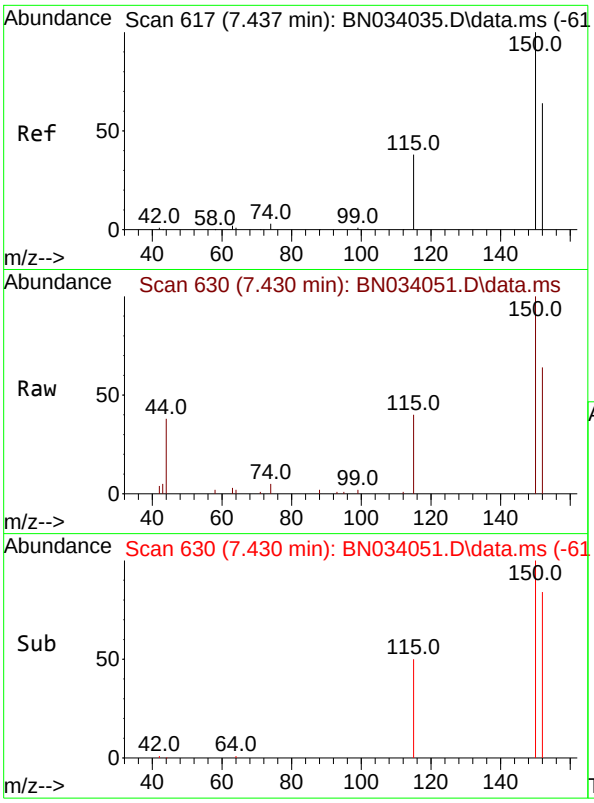
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034051.D
Acq On : 19 Sep 2024 15:31
Operator : JU/RC
Sample : P3845-05DL 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Quant Time: Sep 19 15:59:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



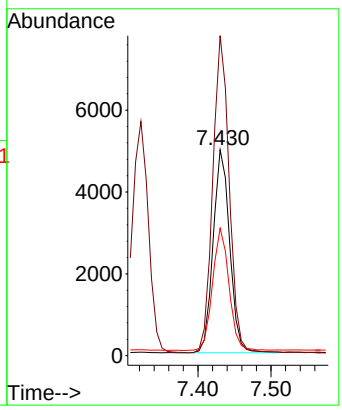


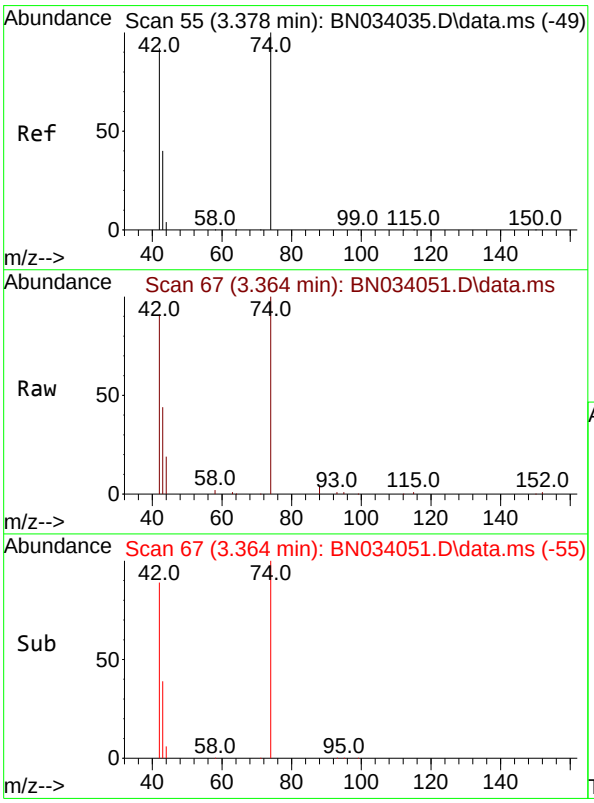
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 7820

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	187.0
115	61.9	50.0	75.0

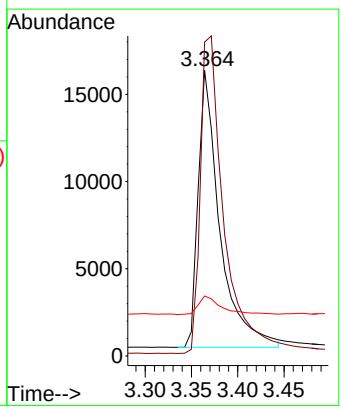


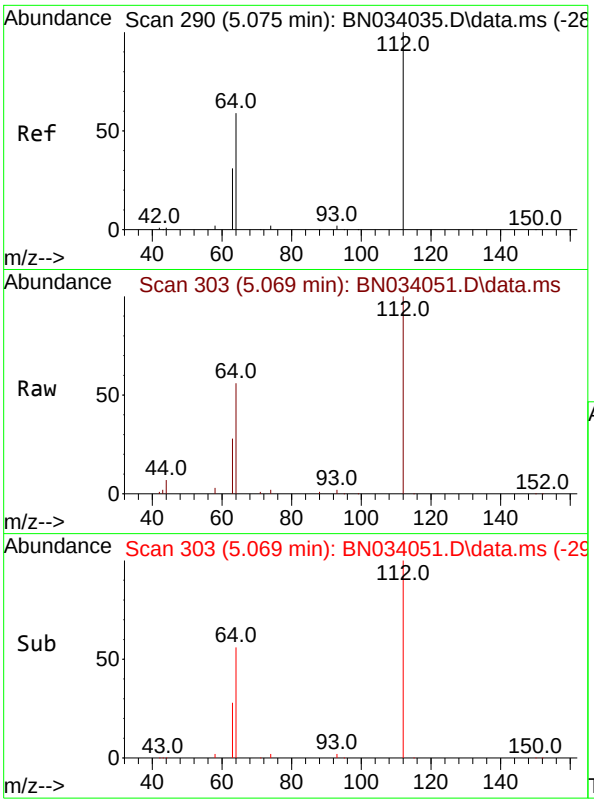


#3
n-Nitrosodimethylamine
Concen: 2.334 ng
RT: 3.364 min Scan# 67
Delta R.T. -0.014 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion: 42 Resp: 25975

Ion	Ratio	Lower	Upper
42	100		
74	123.6	94.6	142.0
44	7.1	12.4	18.6#



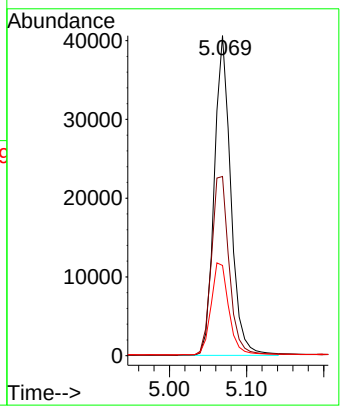


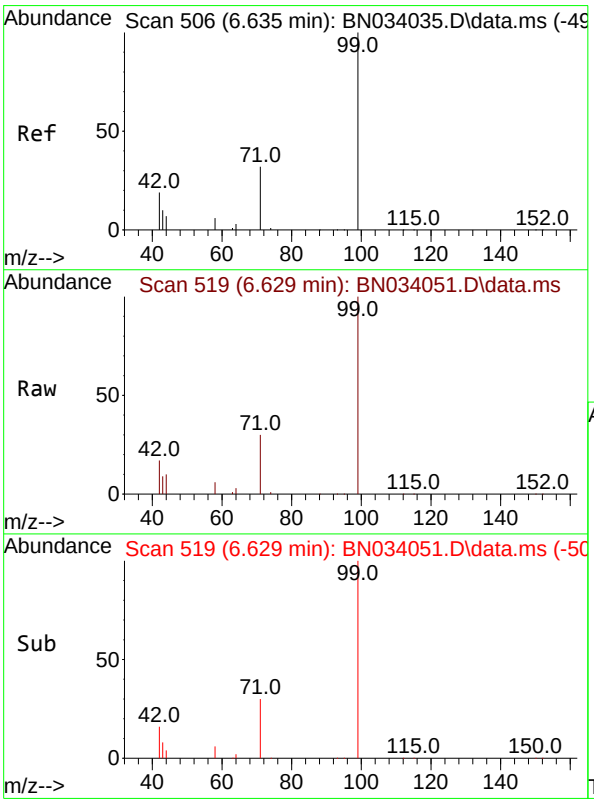
#4
2-Fluorophenol
Concen: 2.712 ng
RT: 5.069 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:112 Resp: 60181

Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.6	72.8
63	30.8	25.6	38.4

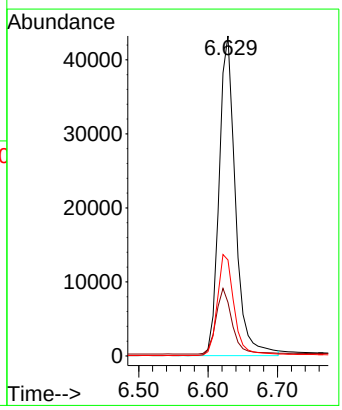


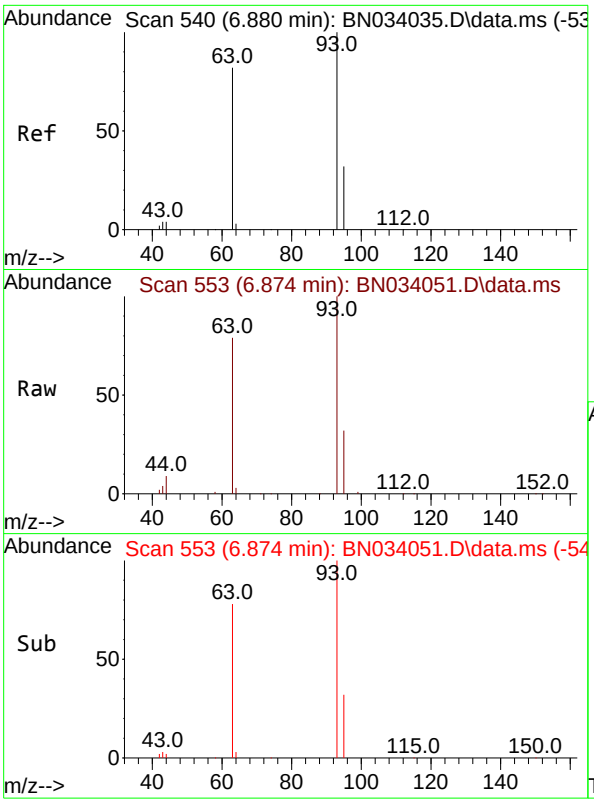


#5
Phenol-d6
Concen: 2.744 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion: 99 Resp: 70844

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.8
71	32.4	26.2	39.2



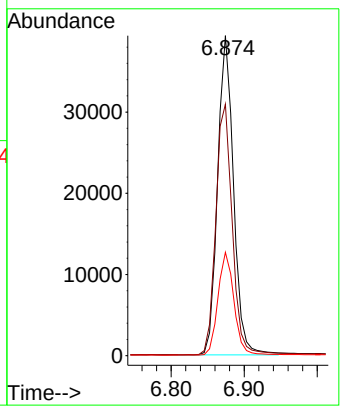


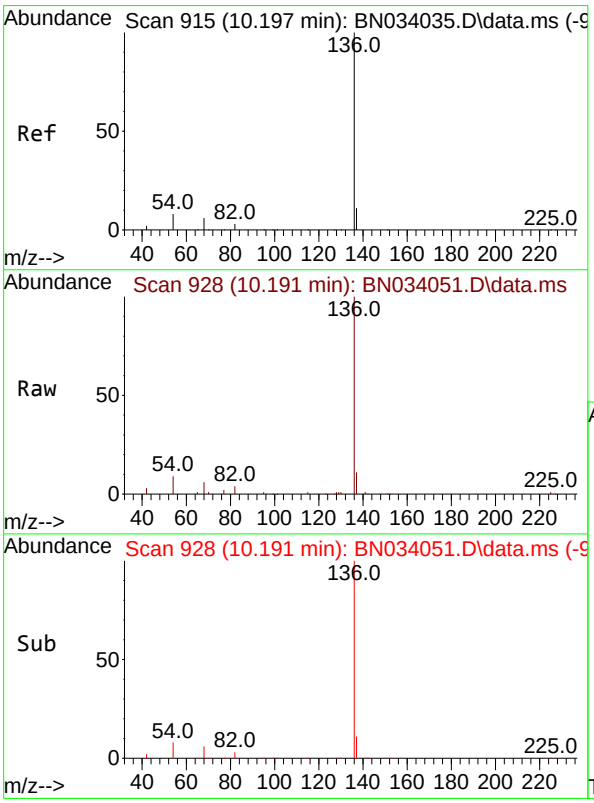
#6
bis(2-Chloroethyl)ether
Concen: 2.603 ng
RT: 6.874 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 93 Resp: 59438

Ion	Ratio	Lower	Upper
93	100		
63	80.8	67.3	100.9
95	32.4	26.8	40.2

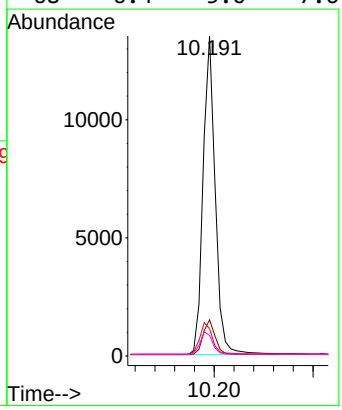


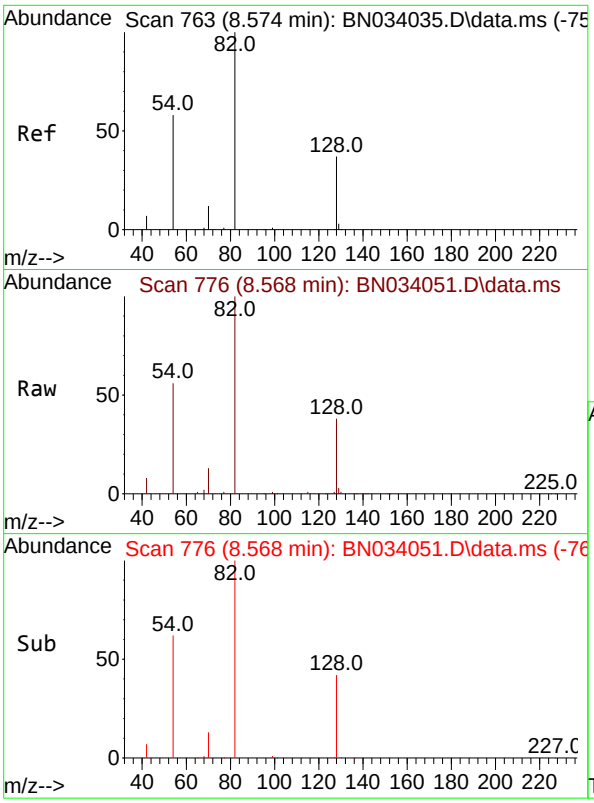


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:136 Resp: 23087

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.5	6.8	10.2
68	6.4	5.0	7.6



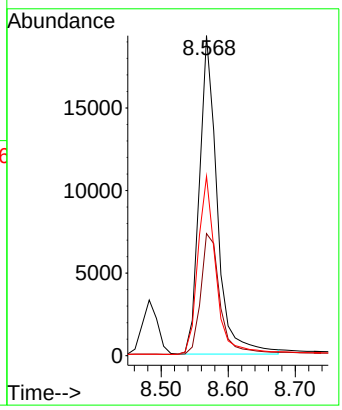


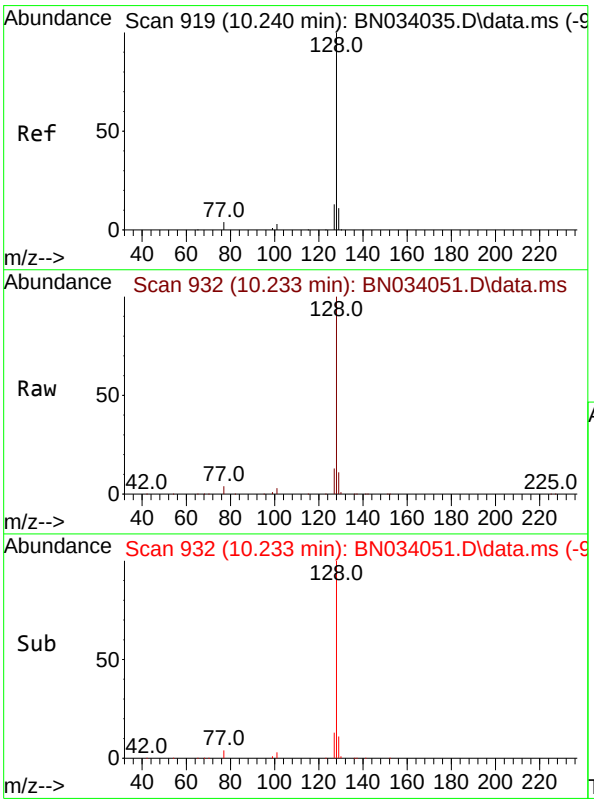
#8
Nitrobenzene-d5
Concen: 2.016 ng
RT: 8.568 min Scan# 7
Delta R.T. -0.006 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 82 Resp: 35597

Ion	Ratio	Lower	Upper
82	100		
128	38.2	31.4	47.2
54	56.0	47.4	71.0

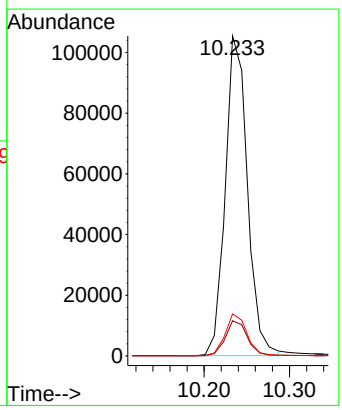


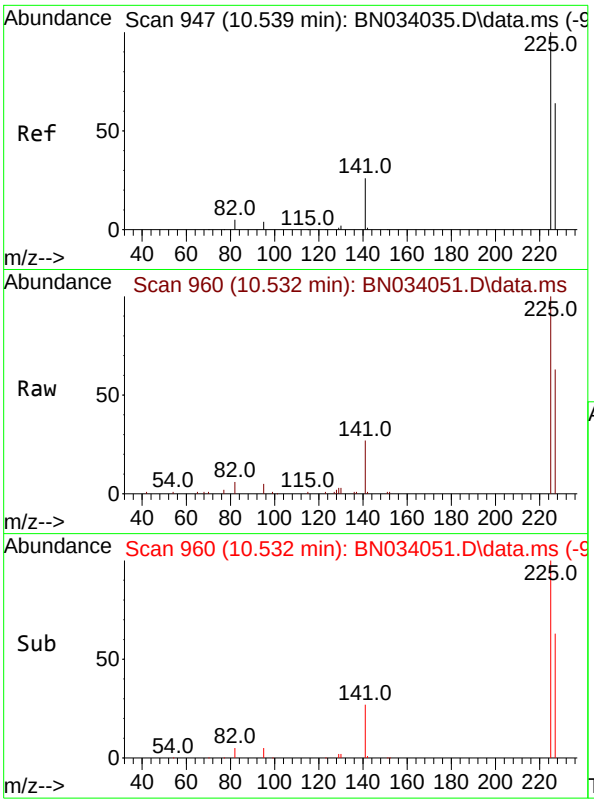


#9
Naphthalene
Concen: 2.992 ng
RT: 10.233 min Scan# 932
Delta R.T. -0.006 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:128 Resp: 189560

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.2	10.7	16.1



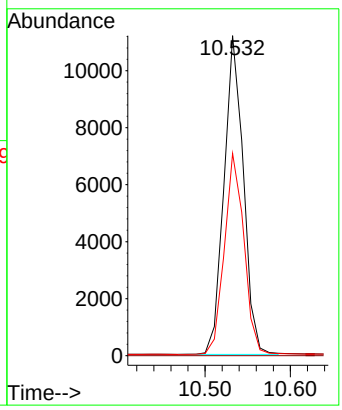


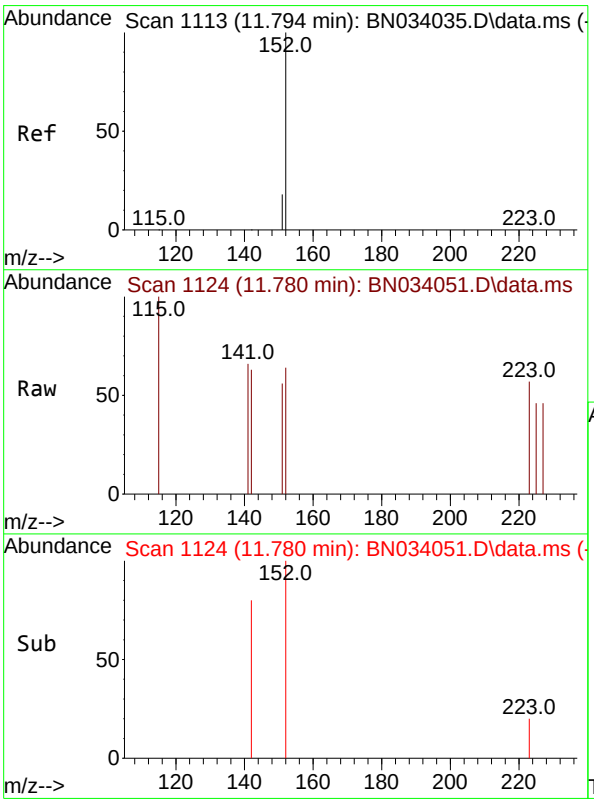
#10
Hexachlorobutadiene
Concen: 1.476 ng
RT: 10.532 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:225 Resp: 17616

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.5	75.7

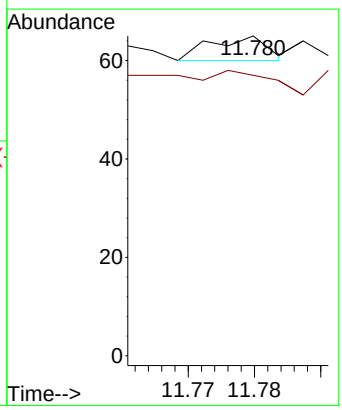


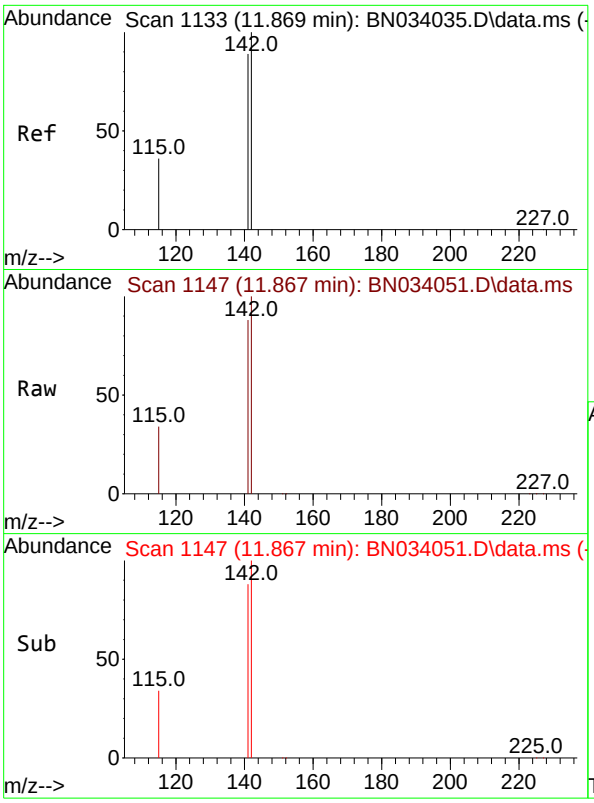


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.780 min Scan# 1124
Delta R.T. -0.014 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:152 Resp: 3

Ion	Ratio	Lower	Upper
152	100		
151	66.7	16.8	25.2#



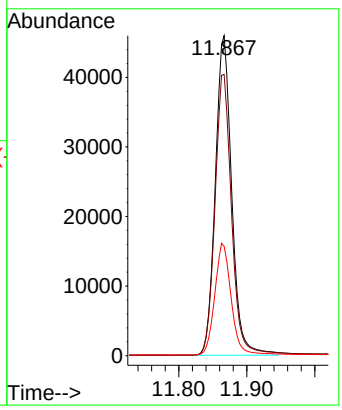


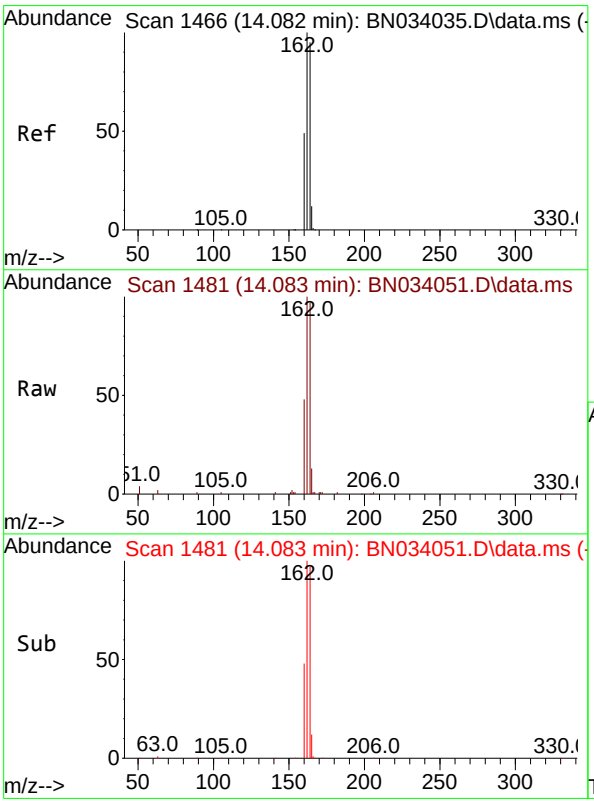
#12
2-Methylnaphthalene
Concen: 1.866 ng
RT: 11.867 min Scan# 11
Delta R.T. -0.003 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:142 Resp: 76933

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.6	107.4
115	34.2	30.0	45.0

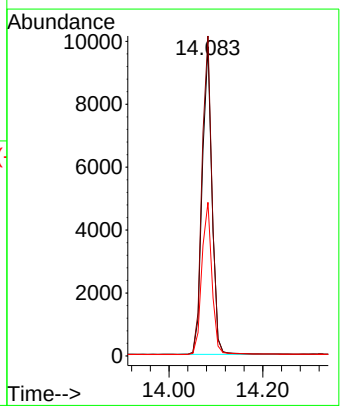


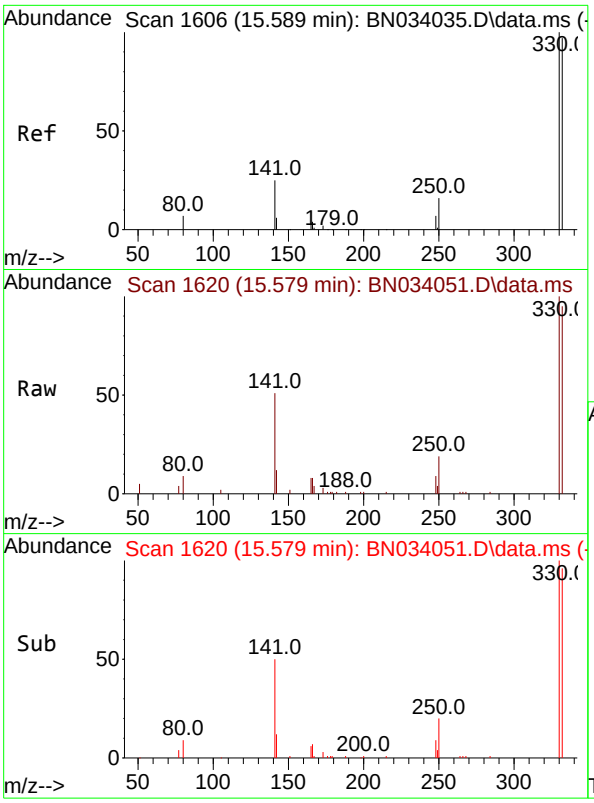


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 1481
Delta R.T. 0.001 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:164 Resp: 14195

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.2	126.2
160	49.7	41.7	62.5



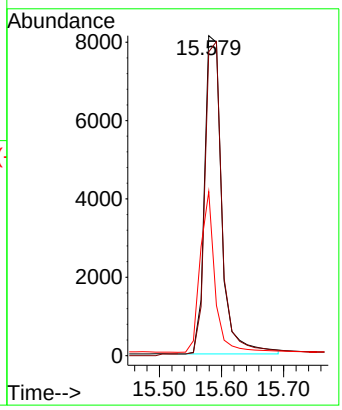


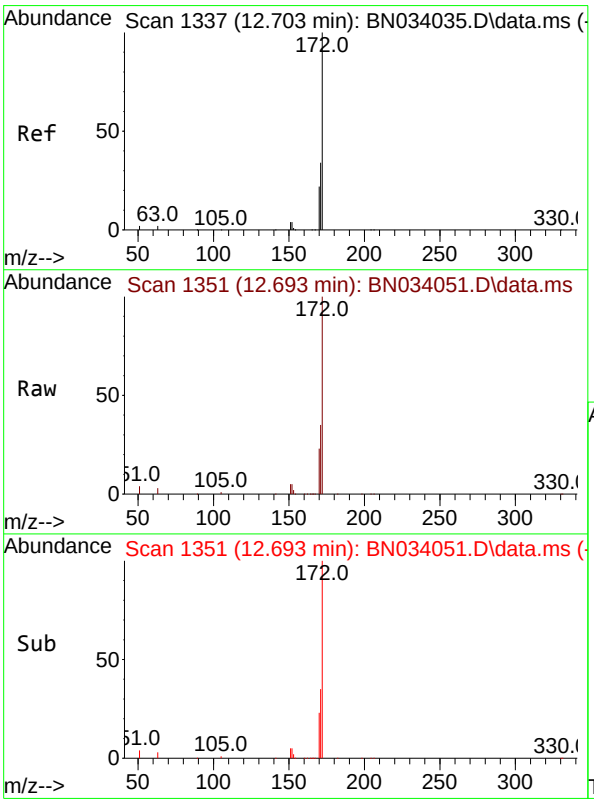
#14
2,4,6-Tribromophenol
Concen: 2.434 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:330 Resp: 15653

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	43.4	35.9	53.9

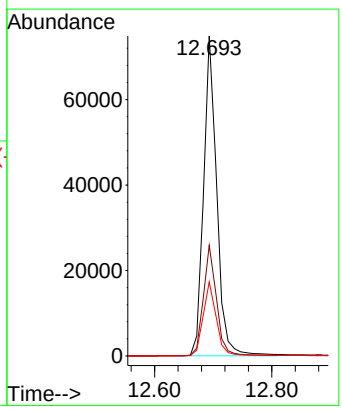


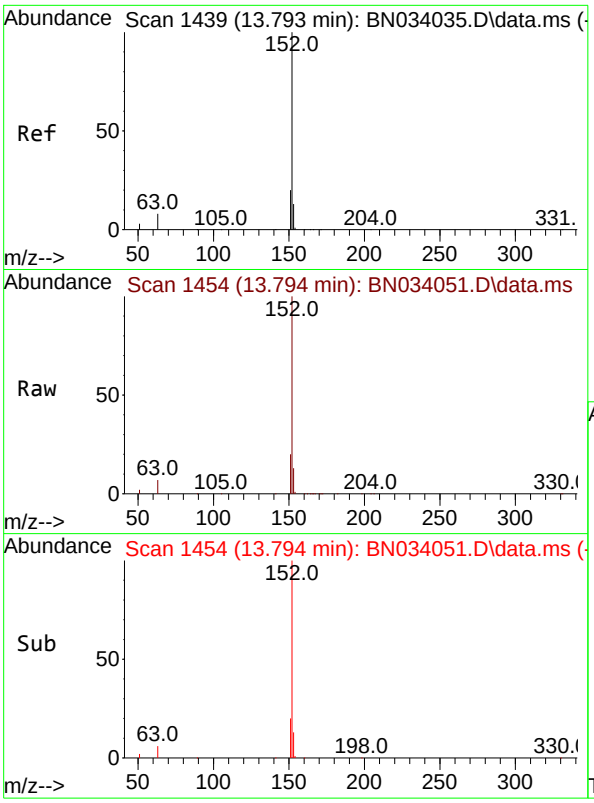


#15
2-Fluorobiphenyl
Concen: 2.025 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:172 Resp: 116916

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.3	40.9
170	23.1	18.1	27.1



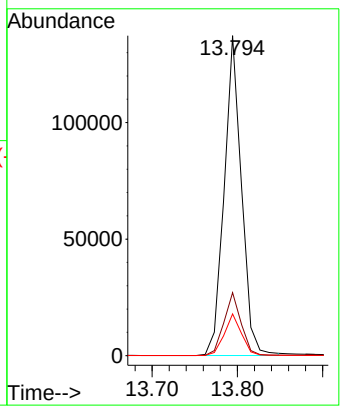


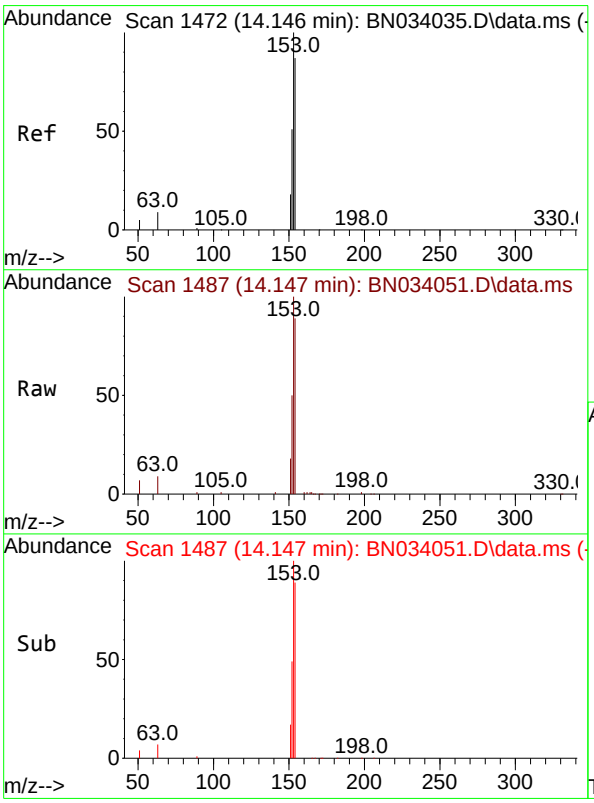
#16
Acenaphthylene
Concen: 3.184 ng
RT: 13.794 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 193446

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	12.9	10.3	15.5

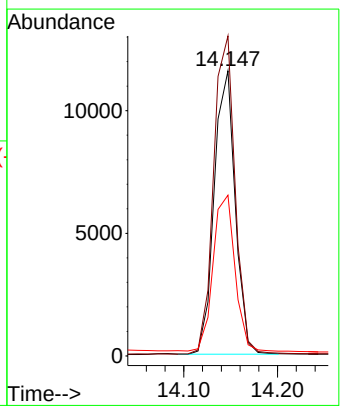


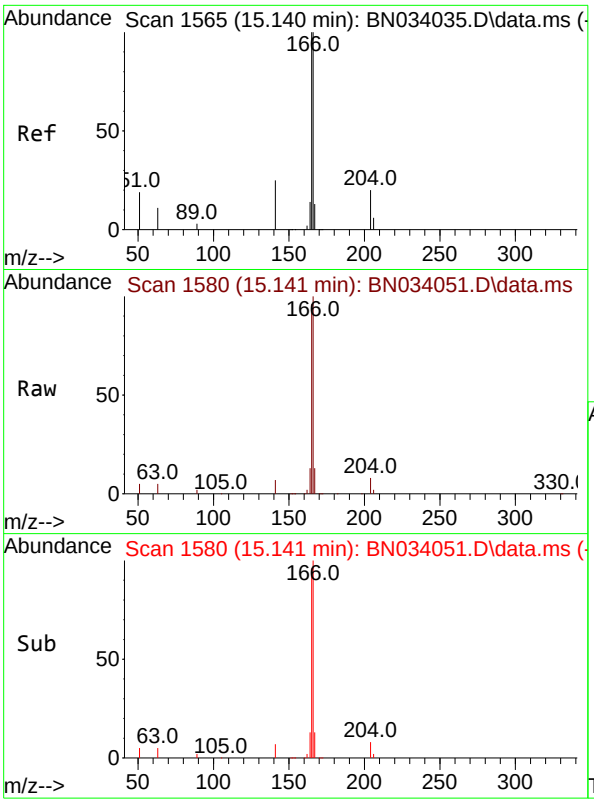


#17
Acenaphthene
Concen: 0.414 ng
RT: 14.147 min Scan# 1487
Delta R.T. 0.001 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:154 Resp: 18023

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.6	137.4
152	57.2	47.4	71.2





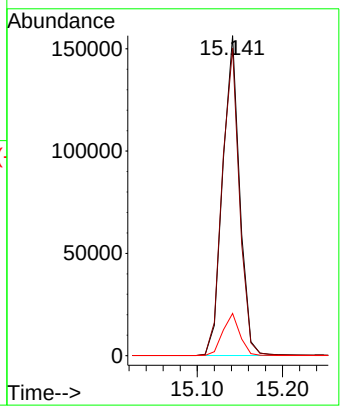
#18
Fluorene
Concen: 3.776 ng
RT: 15.141 min Scan# 1

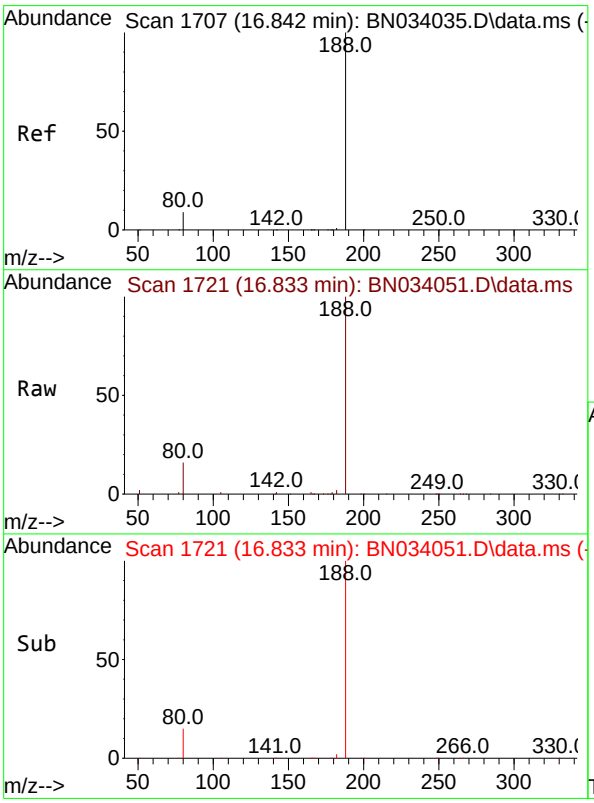
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Delta R.T. 0.001 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:166 Resp: 215921

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.2	10.6	15.8

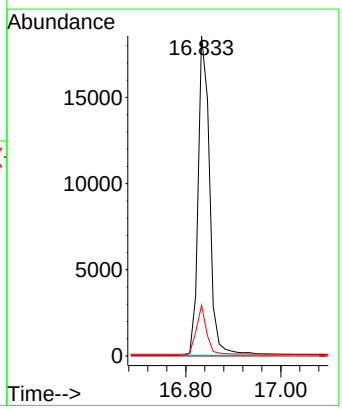


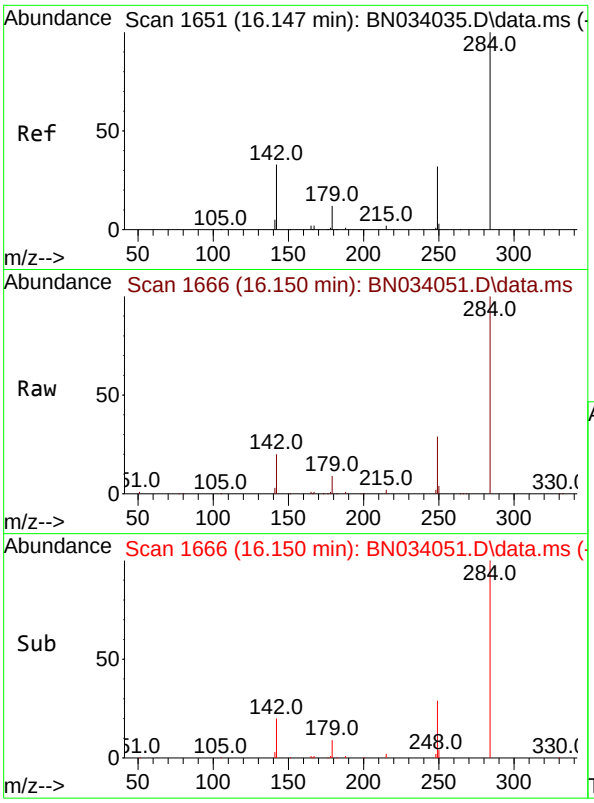


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:188 Resp: 31128

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.9	7.4	11.0#



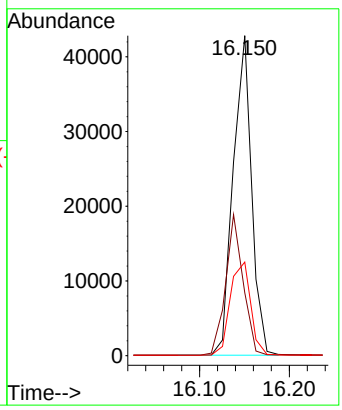


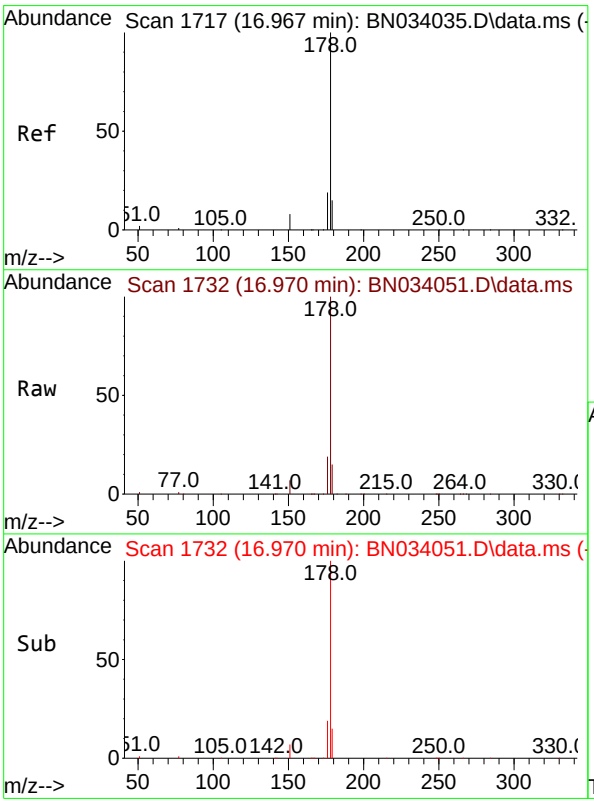
#22
Hexachlorobenzene
Concen: 3.095 ng
RT: 16.150 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:284 Resp: 60731

Ion	Ratio	Lower	Upper
284	100		
142	42.0	34.5	51.7
249	32.4	25.8	38.6

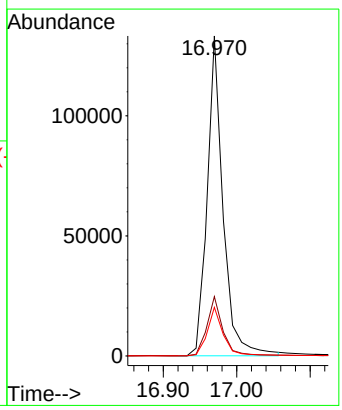


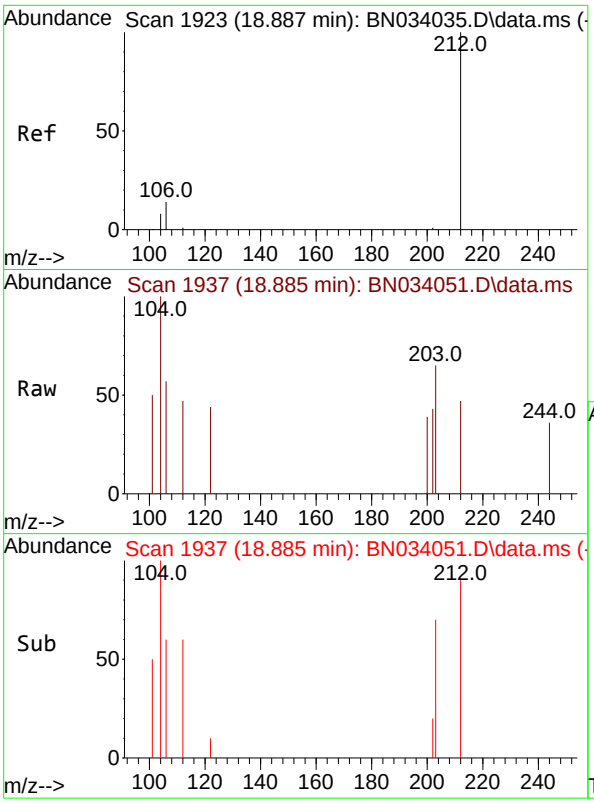


#26
Anthracene
Concen: 2.739 ng
RT: 16.970 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:178 Resp: 199827

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.2	12.2	18.4



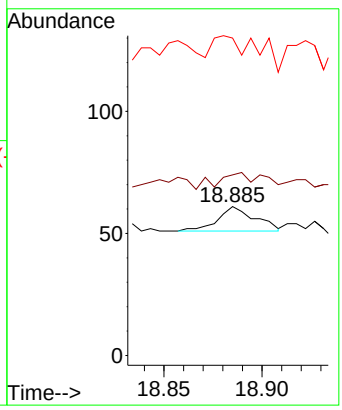


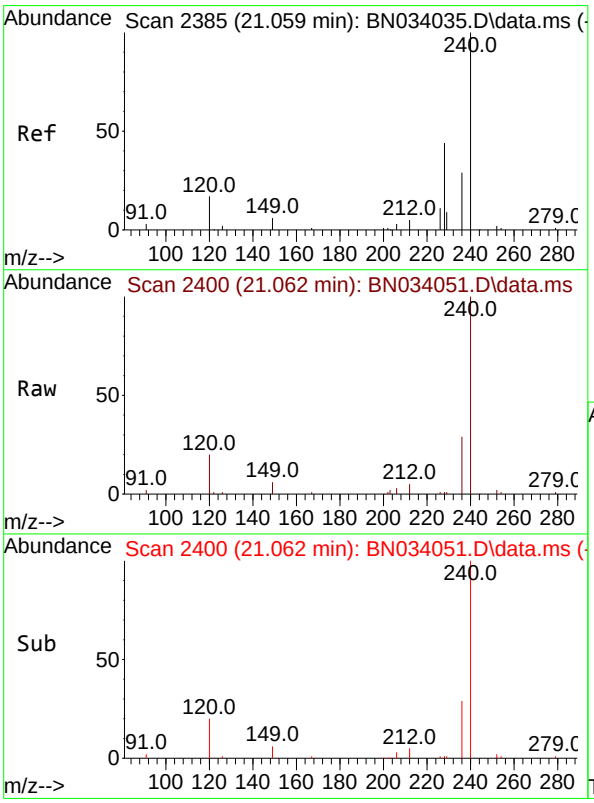
#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 18.885 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:212 Resp: 13

Ion	Ratio	Lower	Upper
212	100		
106	84.6	13.4	20.2#
104	53.8	7.8	11.6#

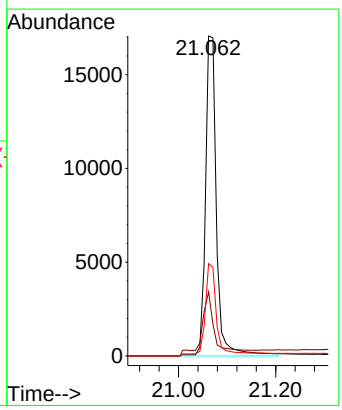


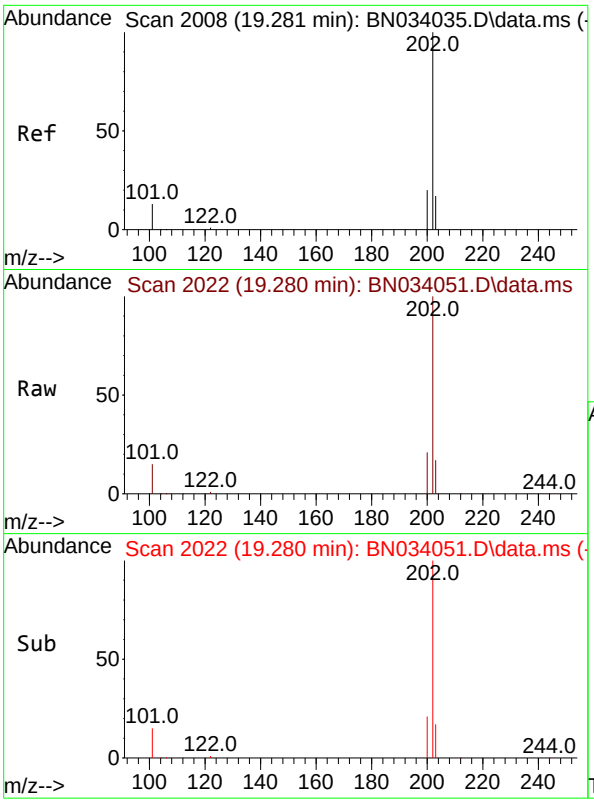


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.062 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:240 Resp: 25511

Ion	Ratio	Lower	Upper
240	100		
120	20.0	13.5	20.3
236	28.9	23.4	35.0



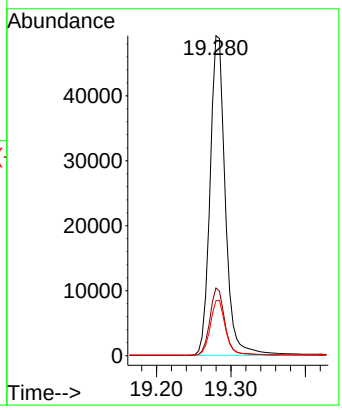


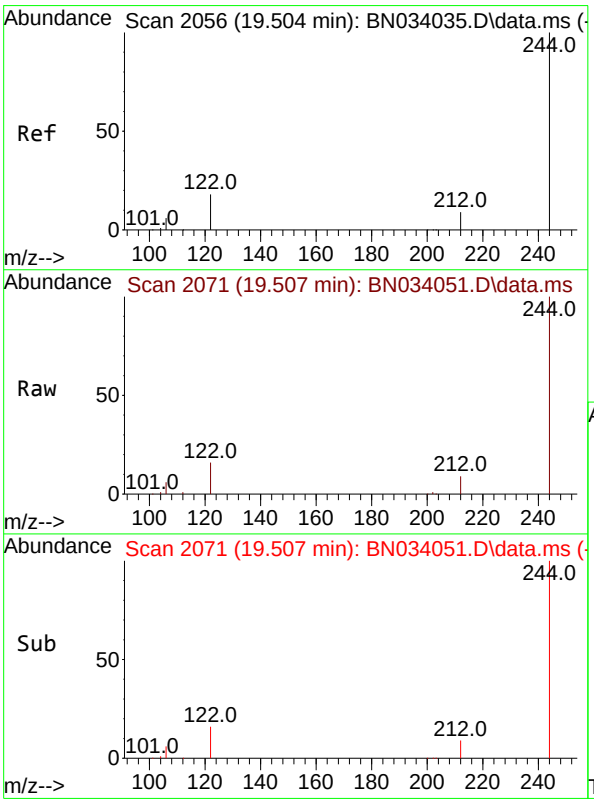
#30
Pyrene
Concen: 0.649 ng
RT: 19.280 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 69844

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.2	14.3	21.5

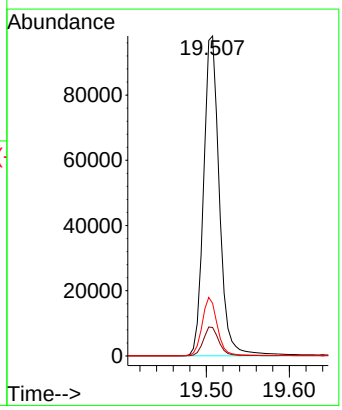


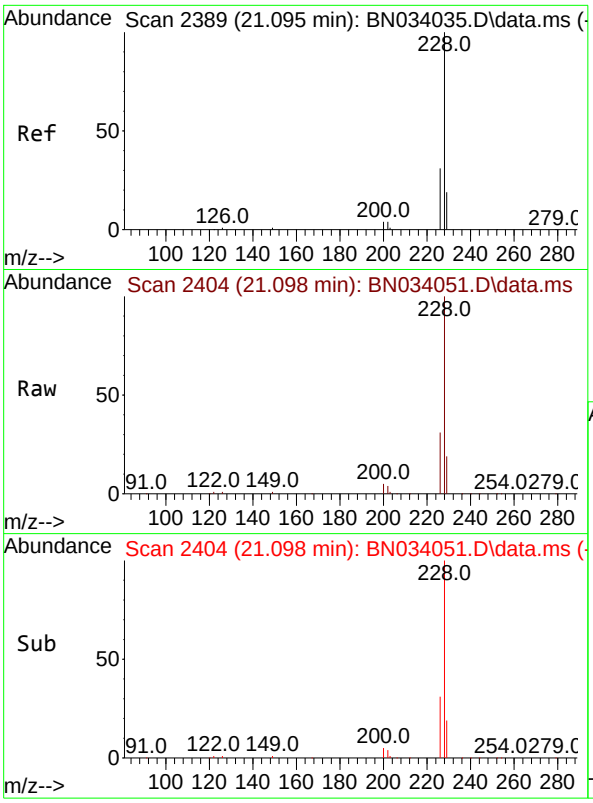


#31
Terphenyl-d14
Concen: 2.544 ng
RT: 19.507 min Scan# 2071
Delta R.T. 0.003 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:244 Resp: 129632

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.8	11.6
122	16.5	14.8	22.2



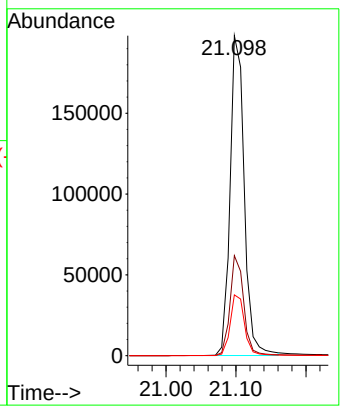


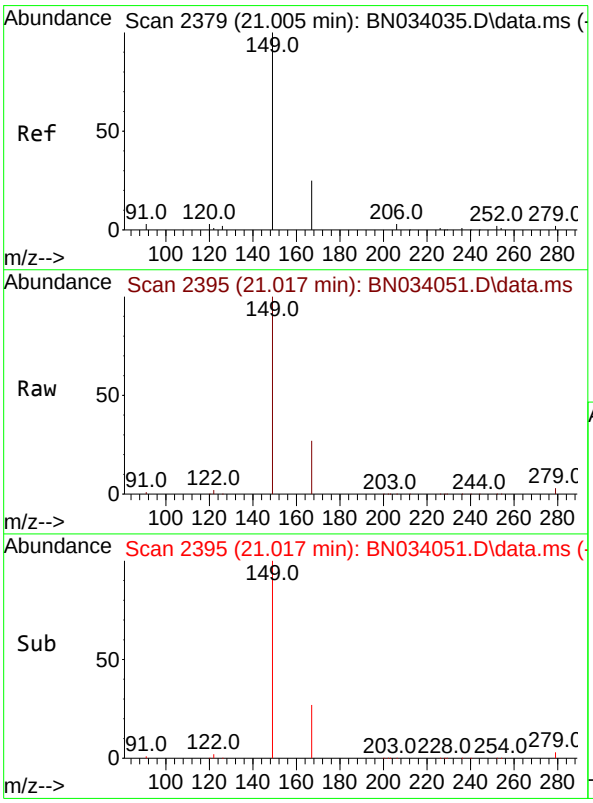
#33
Chrysene
Concen: 2.900 ng
RT: 21.098 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 279248

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	19.0	15.5	23.3

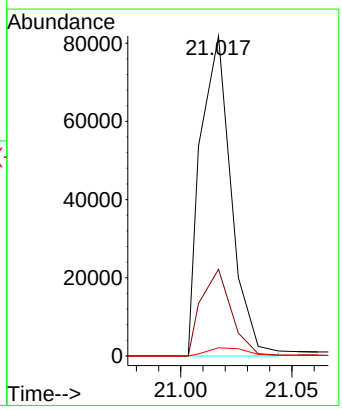


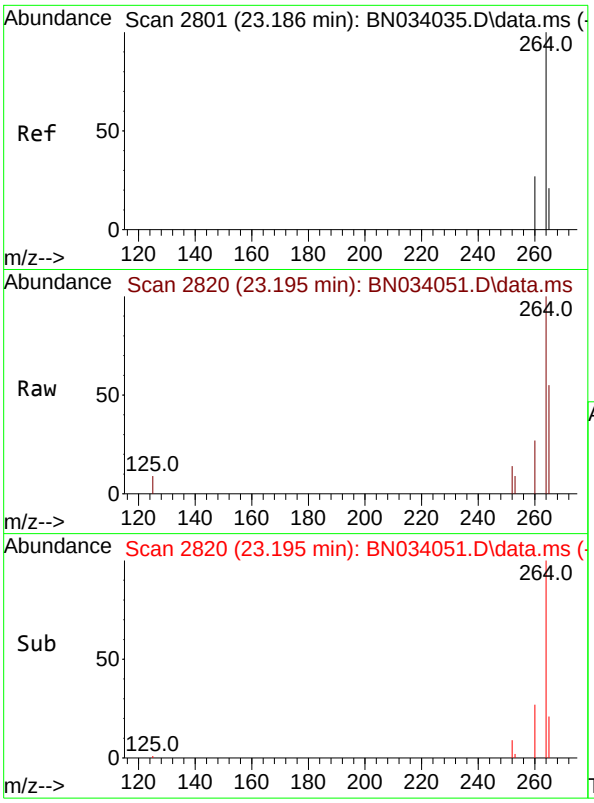


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.138 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.012 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:149 Resp: 71875

Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.9	29.9
279	3.2	4.6	6.8#



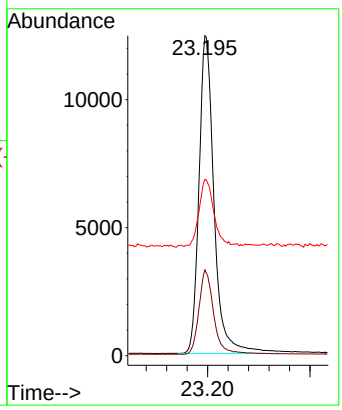


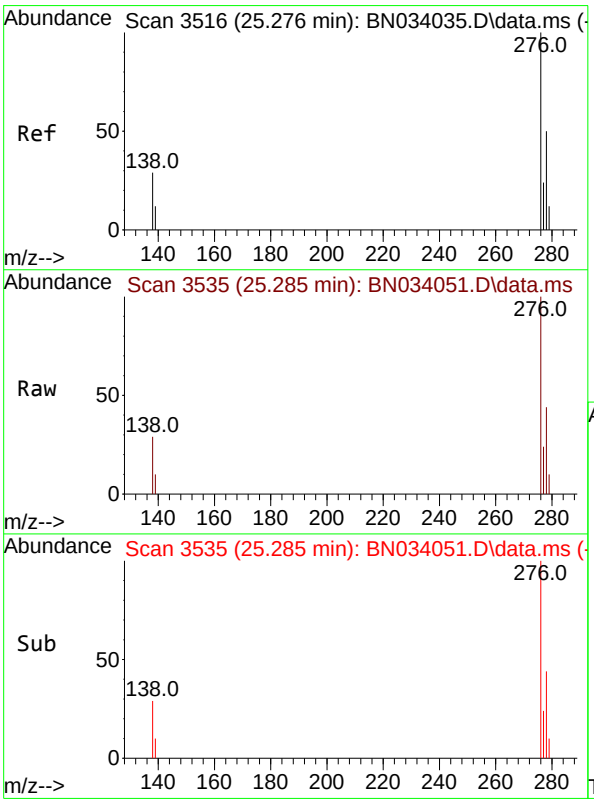
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.195 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 25402

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	55.1	52.1	78.1

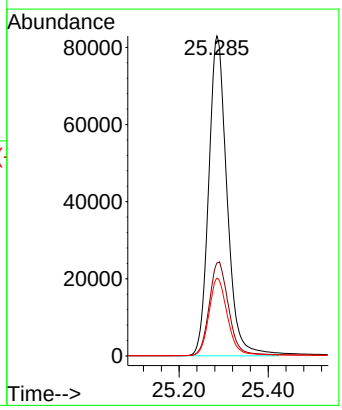


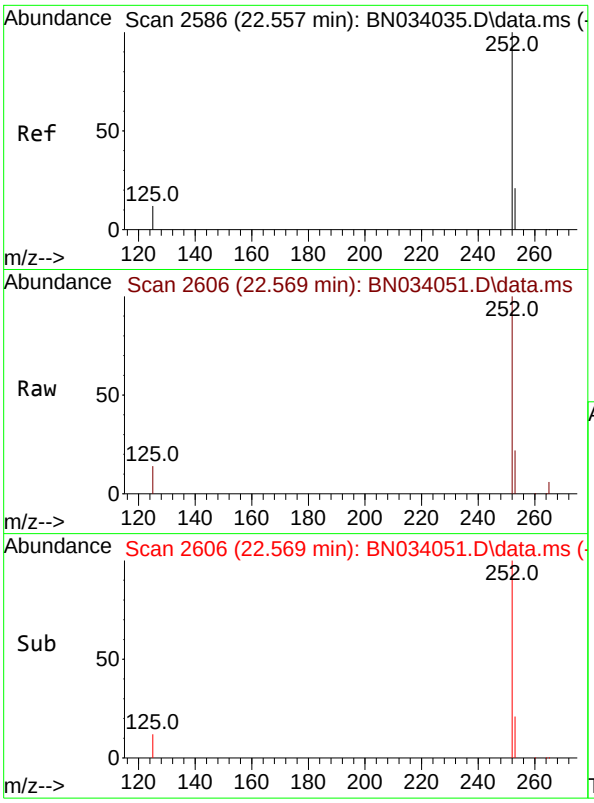


#36
Indeno(1,2,3-cd)pyrene
Concen: 2.172 ng
RT: 25.285 min Scan# 3535
Delta R.T. 0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:276 Resp: 236437

Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.9	38.9
277	24.6	19.7	29.5



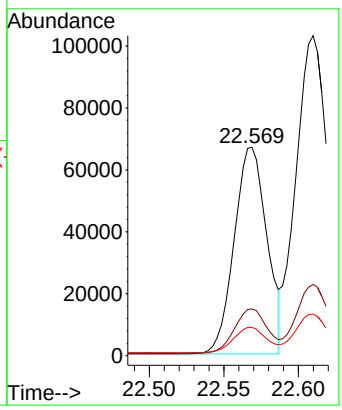


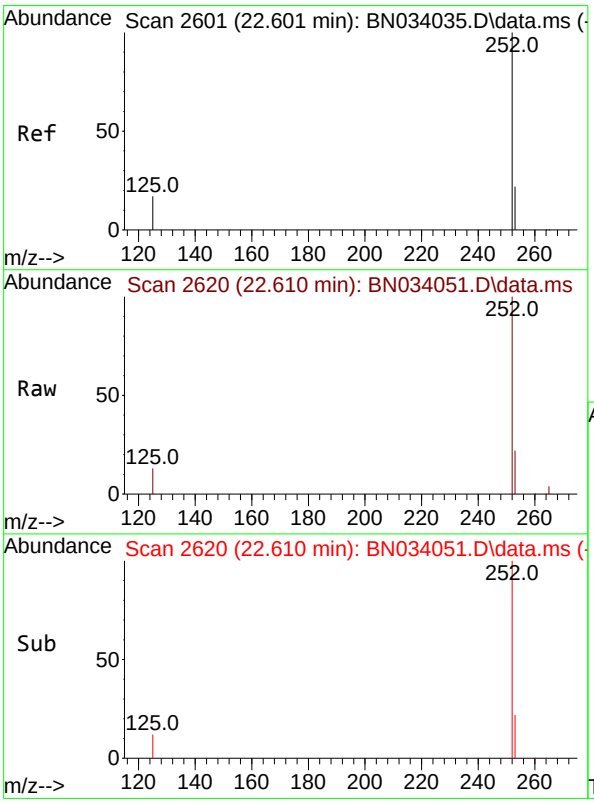
#37
Benzo(b)fluoranthene
Concen: 1.020 ng
RT: 22.569 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 101492

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.6	29.4
125	13.6	13.8	20.8#

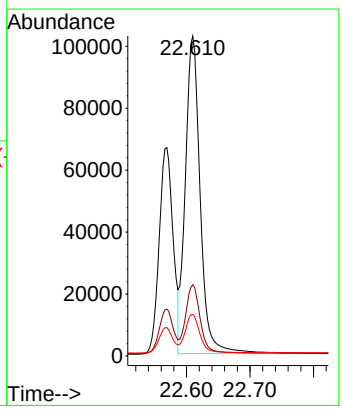


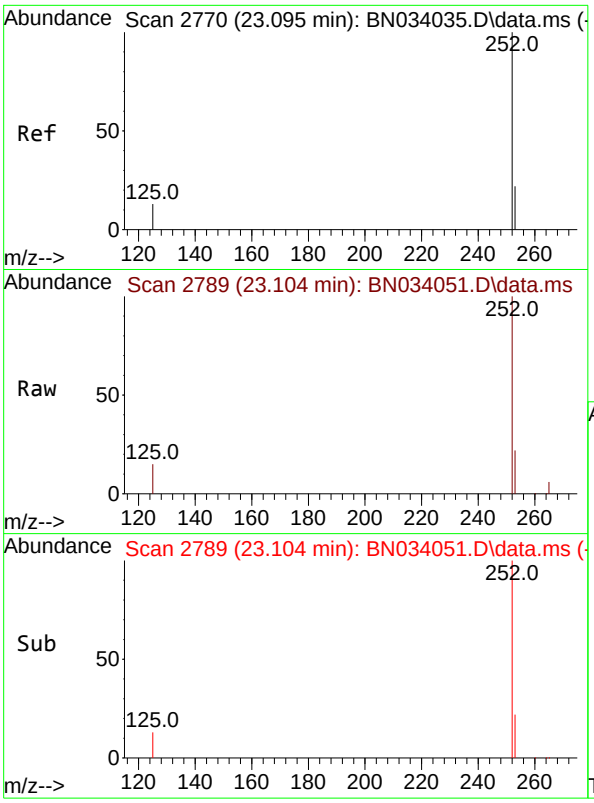


#38
Benzo(k)fluoranthene
Concen: 1.592 ng
RT: 22.610 min Scan# 2620
Delta R.T. 0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:252 Resp: 166322

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.1	30.1
125	13.0	16.8	25.2#



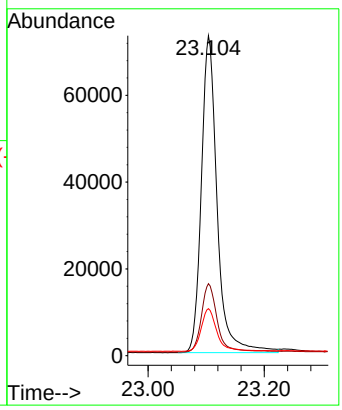


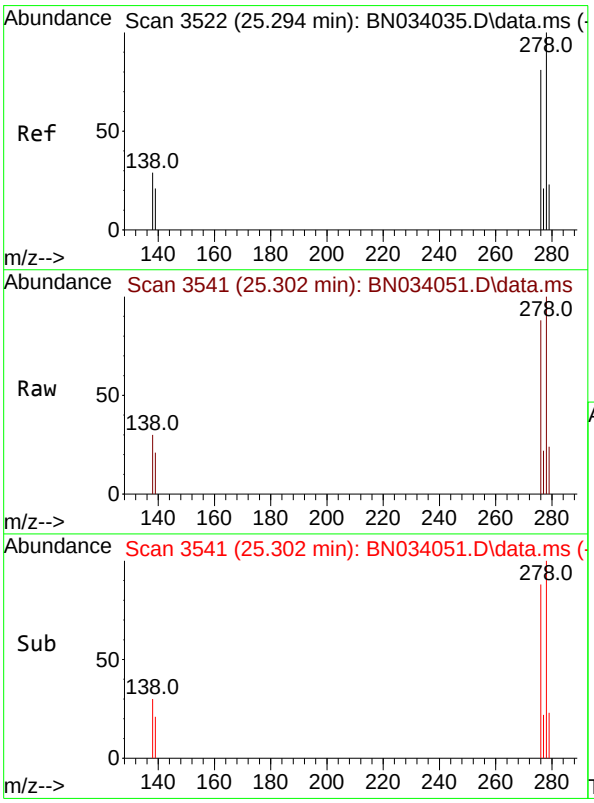
#39
Benzo(a)pyrene
Concen: 1.698 ng
RT: 23.104 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 137743

Ion	Ratio	Lower	Upper
252	100		
253	22.5	21.8	32.8
125	14.7	17.5	26.3#

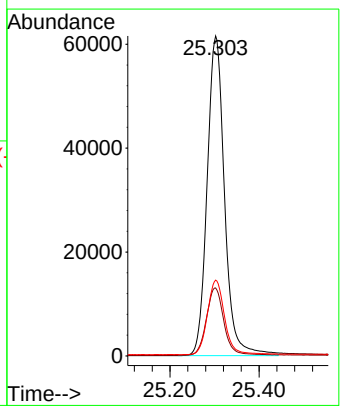


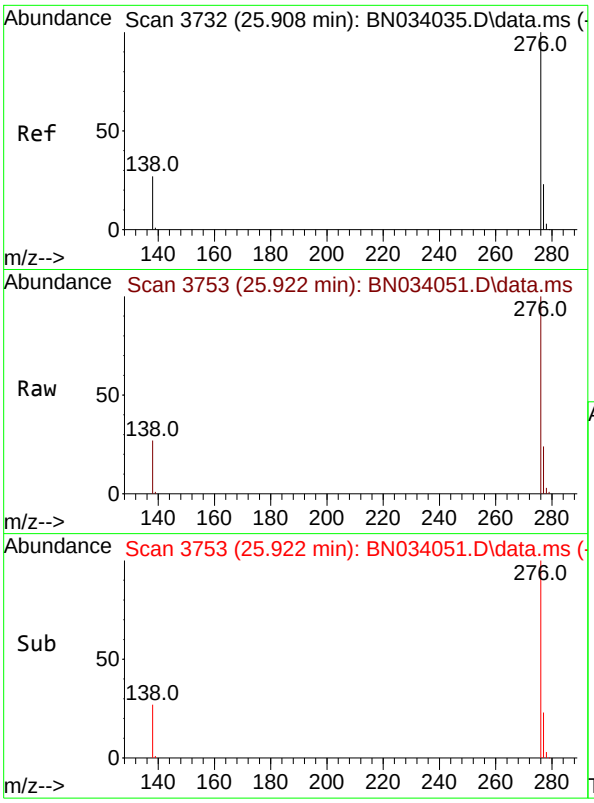


#40
Dibenzo(a,h)anthracene
Concen: 1.977 ng
RT: 25.302 min Scan# 3541
Delta R.T. 0.009 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Tgt Ion:278 Resp: 167164

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.8	26.8
279	23.7	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 1.539 ng
RT: 25.922 min Scan# 3
Delta R.T. 0.015 min
Lab File: BN034051.D
Acq: 19 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 146196

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	27.4	22.6	34.0