Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033592.D
Acq On : 23 Aug 2024 16:35
Operator : MA/JU
Sample : P3671-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Quant Time: Aug 23 17:00:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	6858	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	18127	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	8708	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17176	0.400	ng	# 0.00
29) Chrysene-d12	21.139	240	13898	0.400	ng	# 0.00
35) Perylene-d12	23.309	264	15412	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3826	0.176	ng	0.00
5) Phenol-d6	6.736	99	4789	0.185	ng	0.00
8) Nitrobenzene-d5	8.681	82	3749	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	4676	0.180	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	945	0.202	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6114	0.172	ng	0.00
27) Fluoranthene-d10	18.970	212	6117	0.148	ng	0.00
31) Terphenyl-d14	19.588	244	4375	0.139	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.400	42	8390	0.914	ng	# 1
9) Naphthalene	10.357	128	6814	0.141	ng	95
12) 2-Methylnaphthalene	11.979	142	4430	0.144	ng	97
16) Acenaphthylene	13.900	152	11201	0.293	ng	98
17) Acenaphthene	14.242	154	3043	0.113	ng	95
18) Fluorene	15.236	166	4381	0.129	ng	89
25) Phenanthrene	16.967	178	90177	1.887	ng	100
26) Anthracene	17.066	178	14247	0.337	ng	# 93
28) Fluoranthene	19.003	202	226121	4.282	ng	100
30) Pyrene	19.365	202	196785	3.172	ng	# 95
32) Benzo(a)anthracene	21.122	228	94067	1.872	ng	96
33) Chrysene	21.175	228	110803	2.219	ng	97
34) Bis(2-ethylhexyl)phtha...	21.086	149	32898	1.034	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.461	276	86711	1.355	ng	# 93
37) Benzo(b)fluoranthene	22.666	252	170173	2.957	ng	97
38) Benzo(k)fluoranthene	22.666	252	170173	3.004	ng	# 94
39) Benzo(a)pyrene	23.215	252	105296	2.211	ng	93
40) Dibenzo(a,h)anthracene	25.469	278	19717	0.385	ng	# 83
41) Benzo(g,h,i)perylene	26.116	276	86506	1.581	ng	99

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

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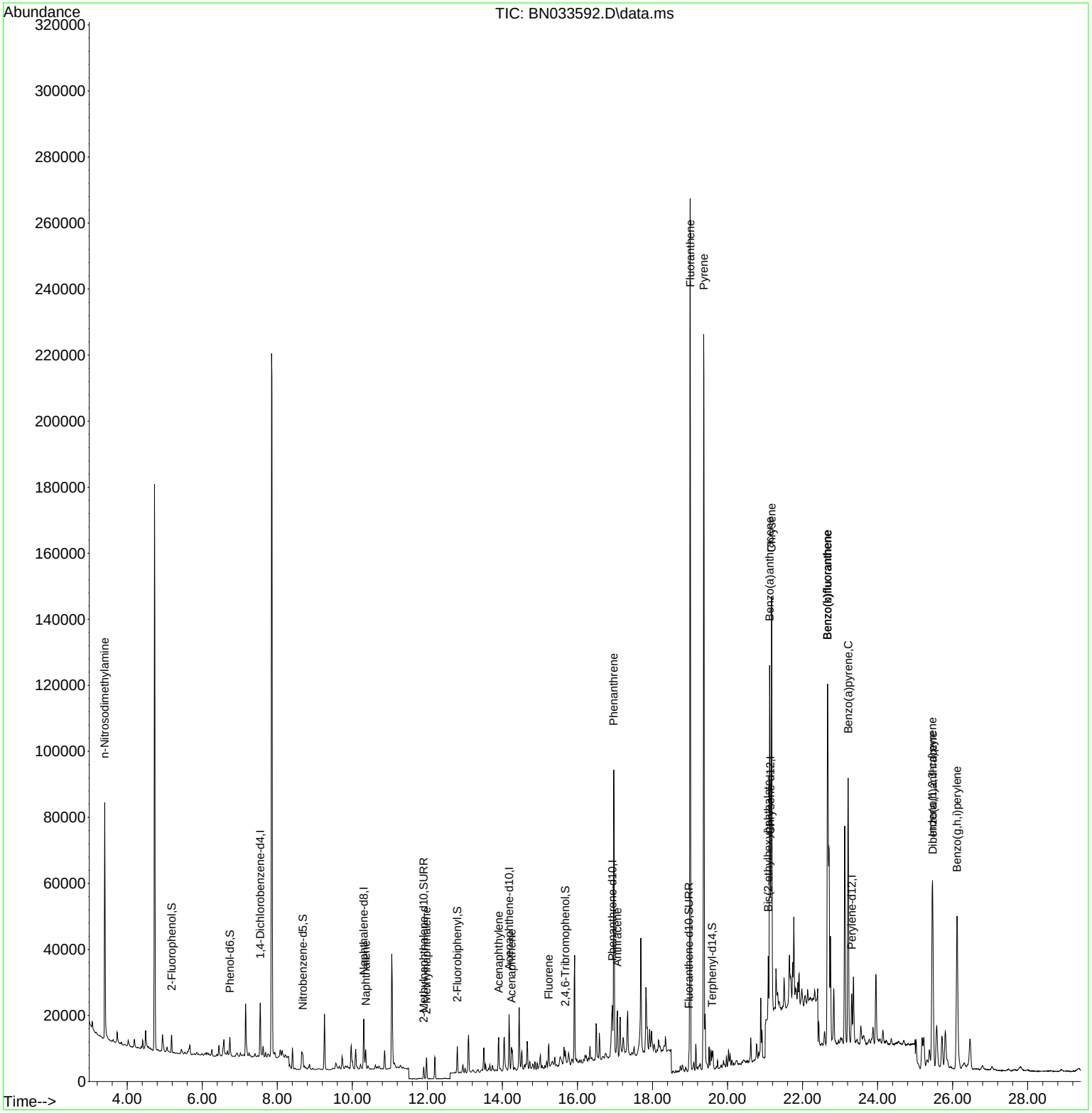
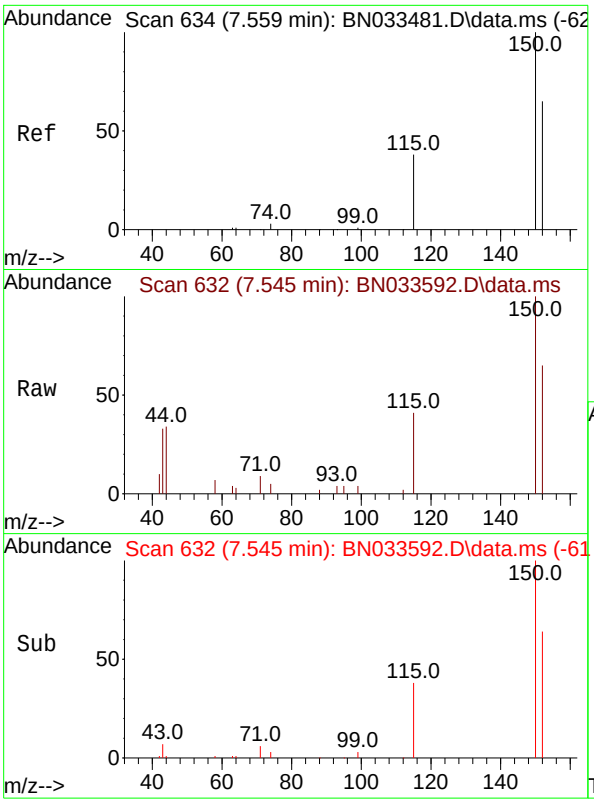


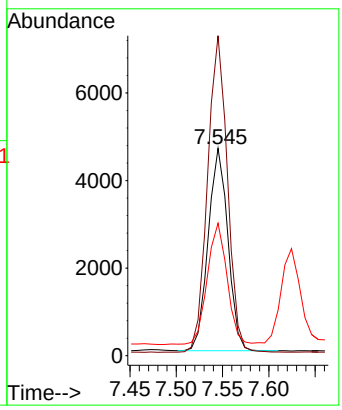


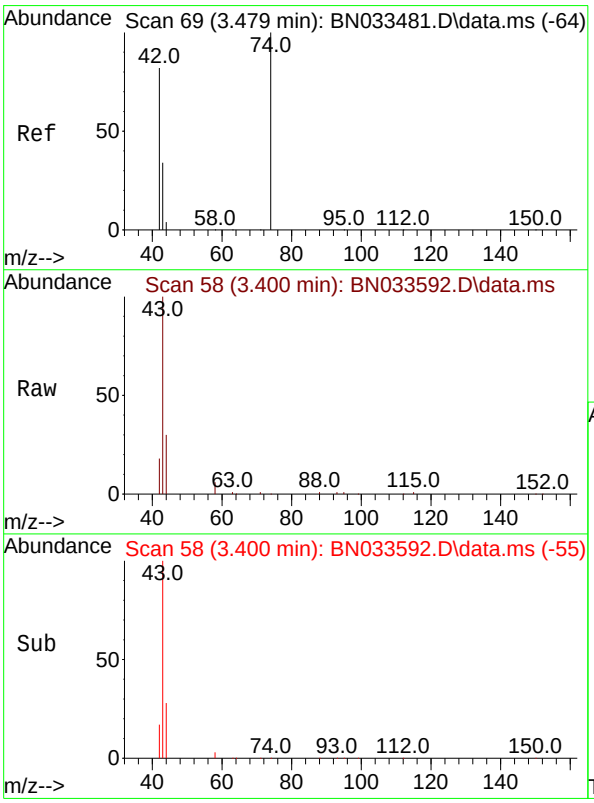
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:152 Resp: 6858

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.2	183.2
115	63.9	47.2	70.8

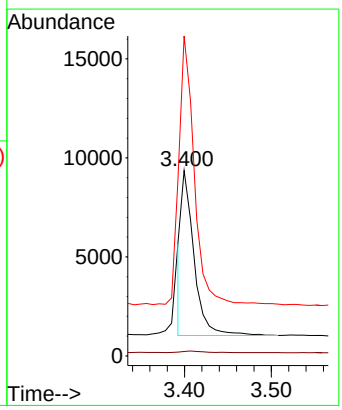


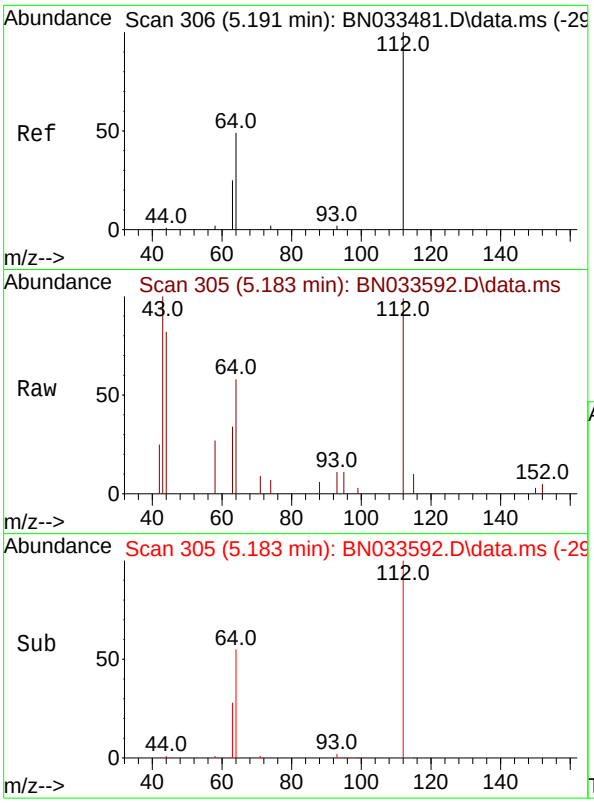


#3
n-Nitrosodimethylamine
Concen: 0.914 ng
RT: 3.400 min Scan# 58
Delta R.T. -0.079 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion: 42 Resp: 8390

Ion	Ratio	Lower	Upper
42	100		
74	1.5	100.2	150.2#
44	168.5	5.3	7.9#



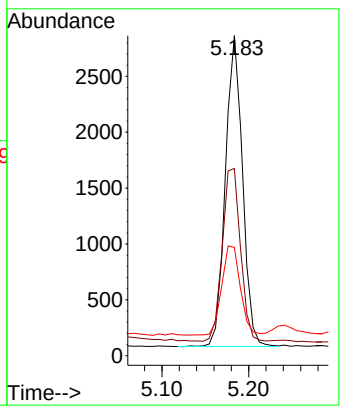


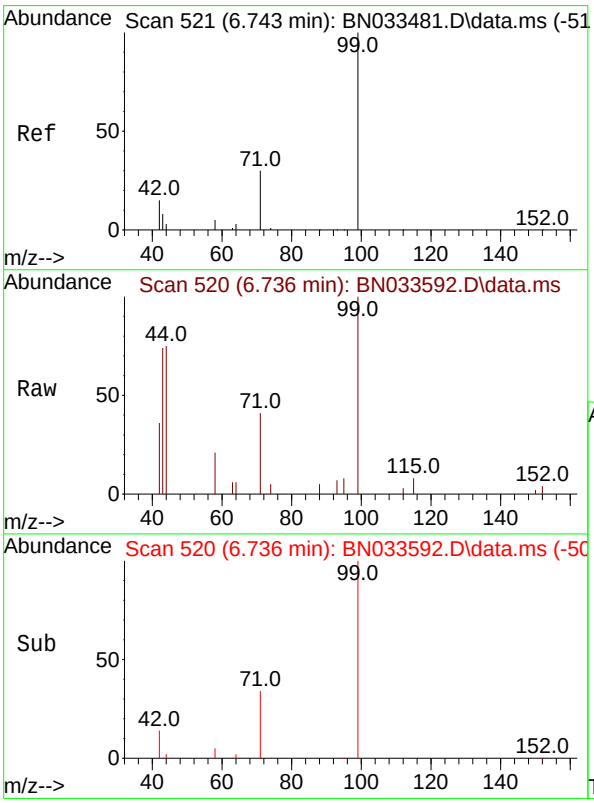
#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.183 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:112 Resp: 3826

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	30.8	24.9	37.3

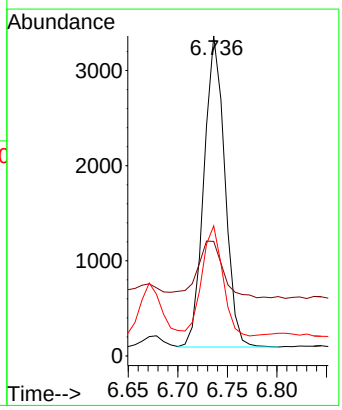


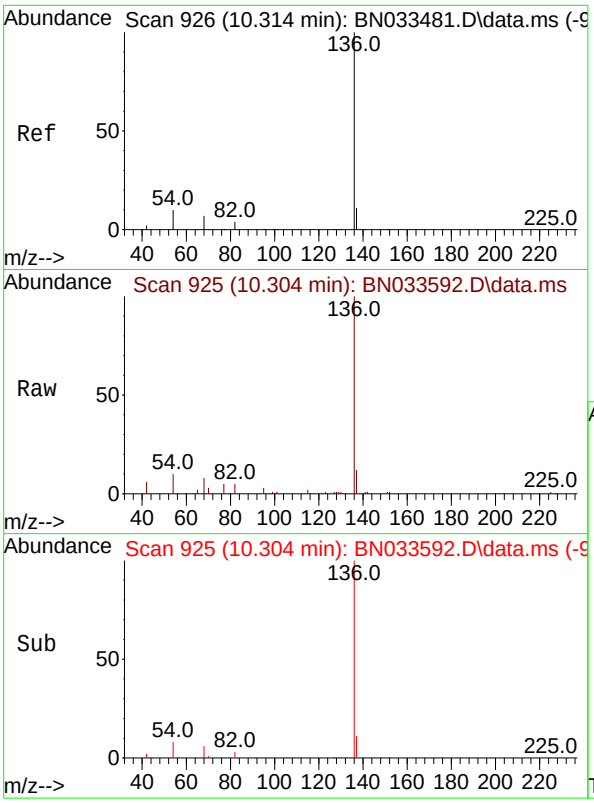


#5
Phenol-d6
Concen: 0.185 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.007 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion: 99 Resp: 4789

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.6	24.8
71	35.3	26.2	39.4



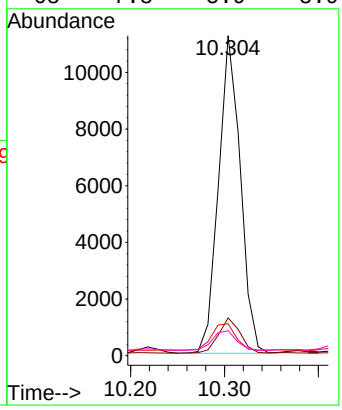


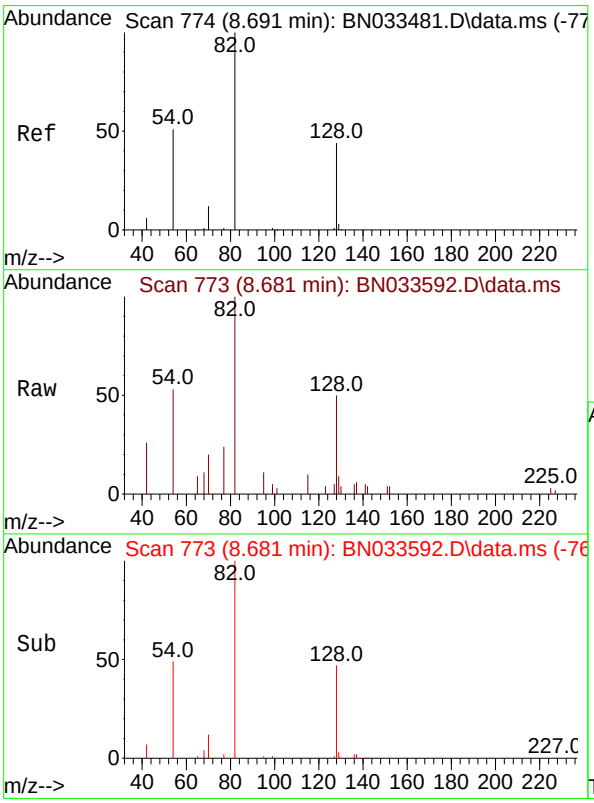
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:136 Resp: 18127

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	10.0	8.3	12.5
68	7.8	5.9	8.9

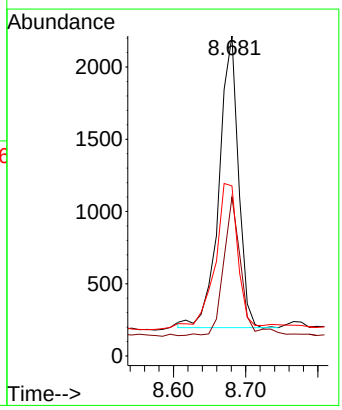


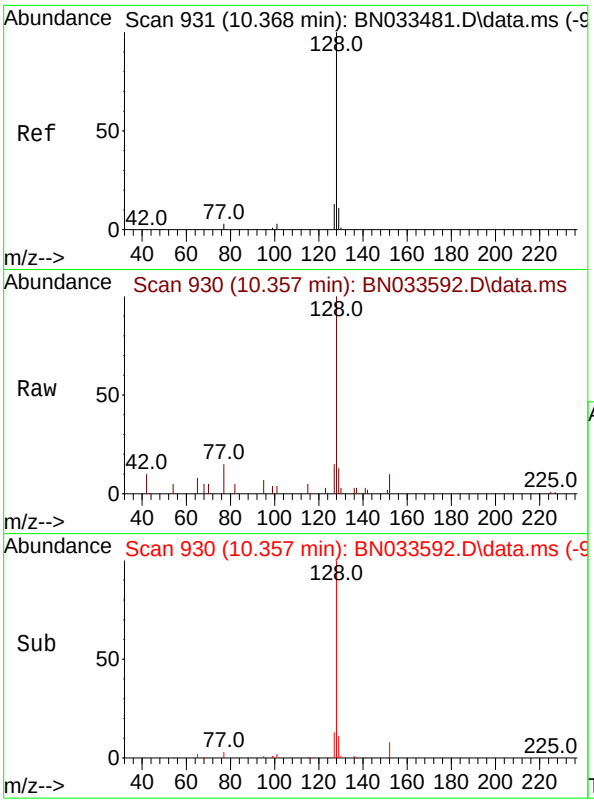


#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.681 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion: 82 Resp: 3749

Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.0	54.0
54	53.1	42.0	63.0



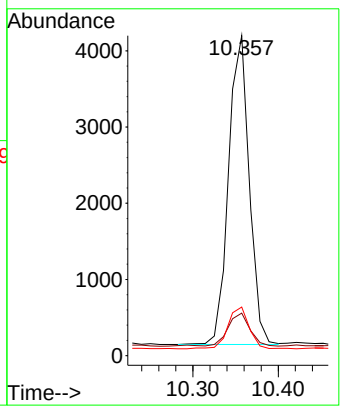


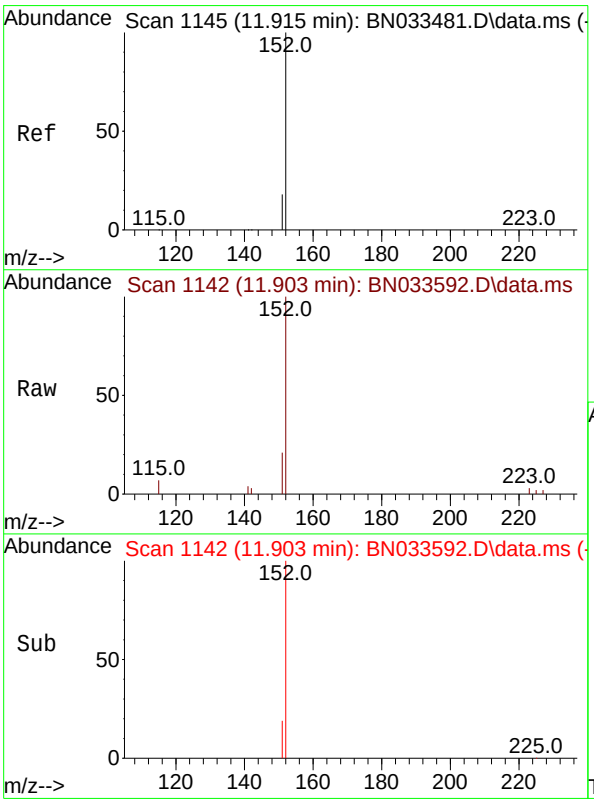
#9
Naphthalene
Concen: 0.141 ng
RT: 10.357 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:128 Resp: 6814

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	15.2	10.7	16.1

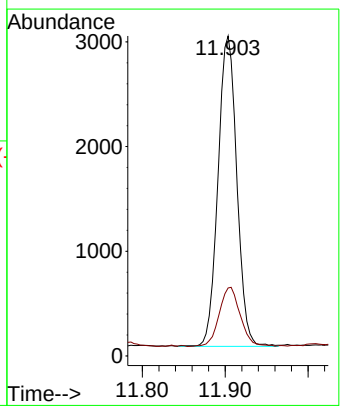


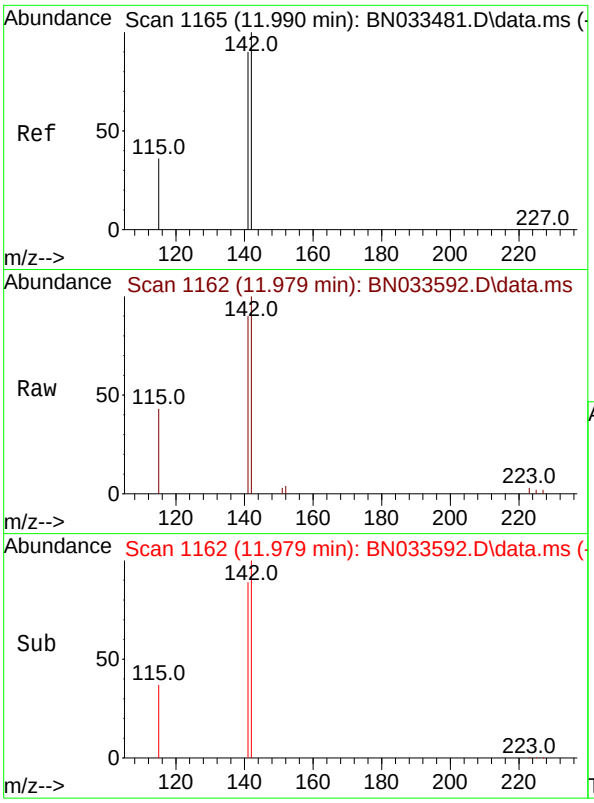


#11
2-Methylnaphthalene-d10
Concen: 0.180 ng
RT: 11.903 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:152 Resp: 4676

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.6	25.0



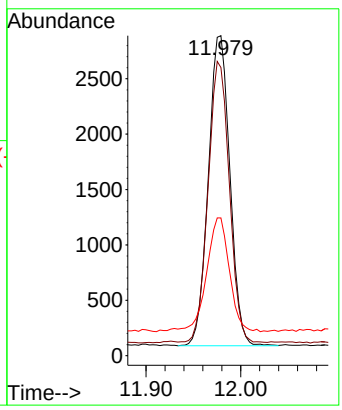


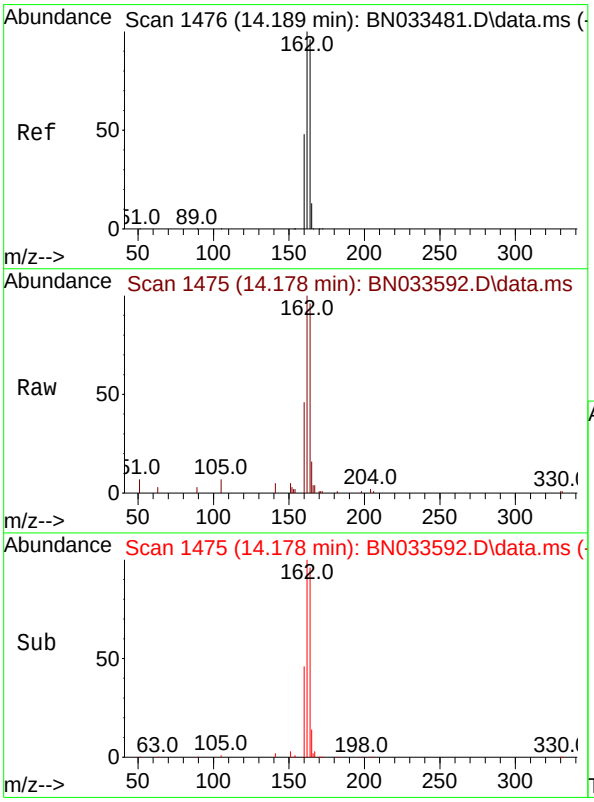
#12
2-Methylnaphthalene
Concen: 0.144 ng
RT: 11.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:142 Resp: 4430

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5
115	43.1	29.4	44.2

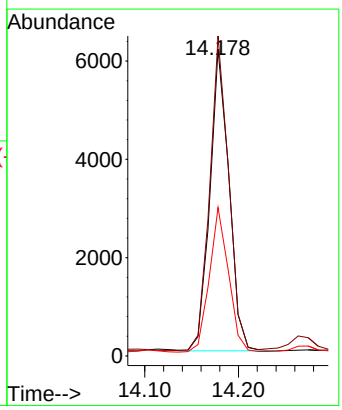


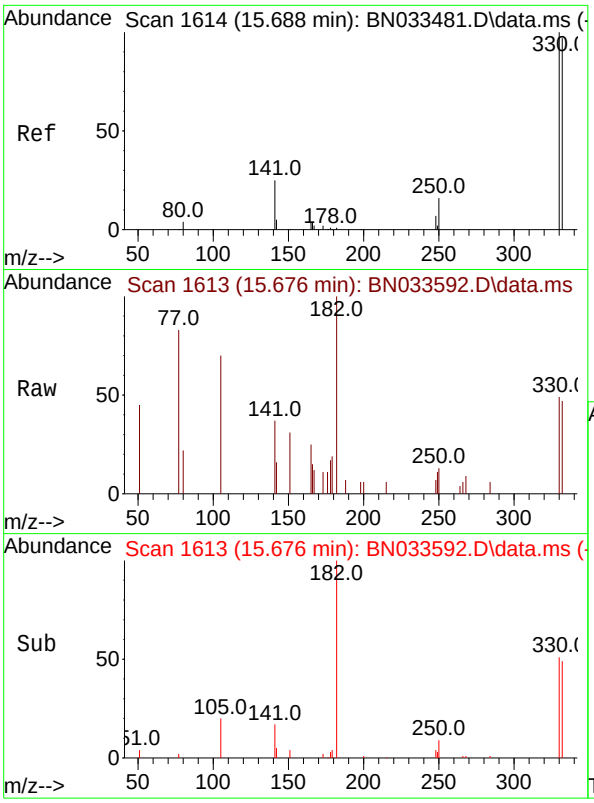


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:164 Resp: 8708

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.5	125.3
160	48.4	40.2	60.4



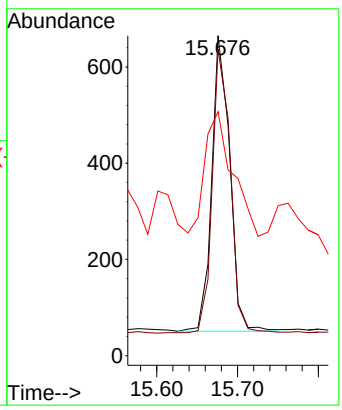


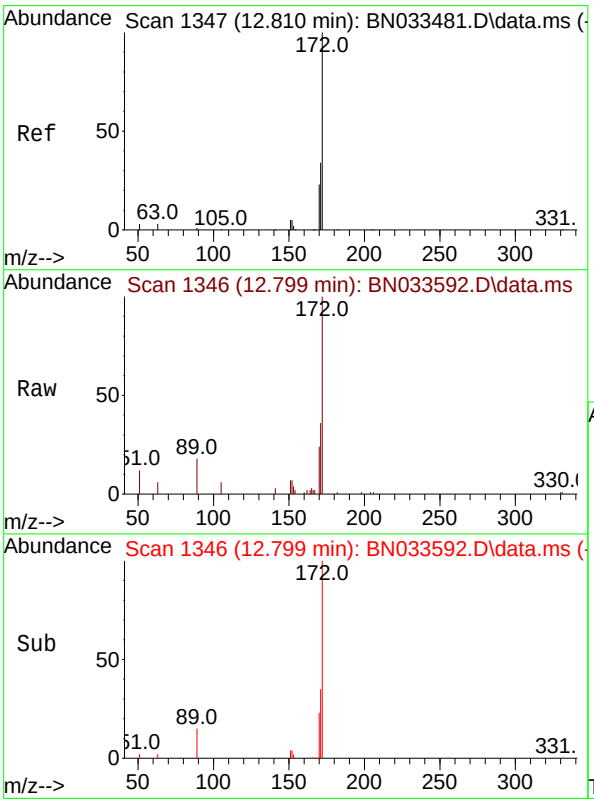
#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:330 Resp: 945

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.5	116.3
141	65.1	33.9	50.9#

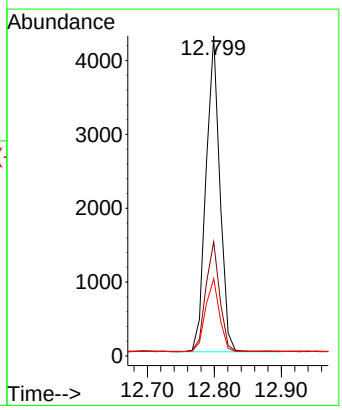


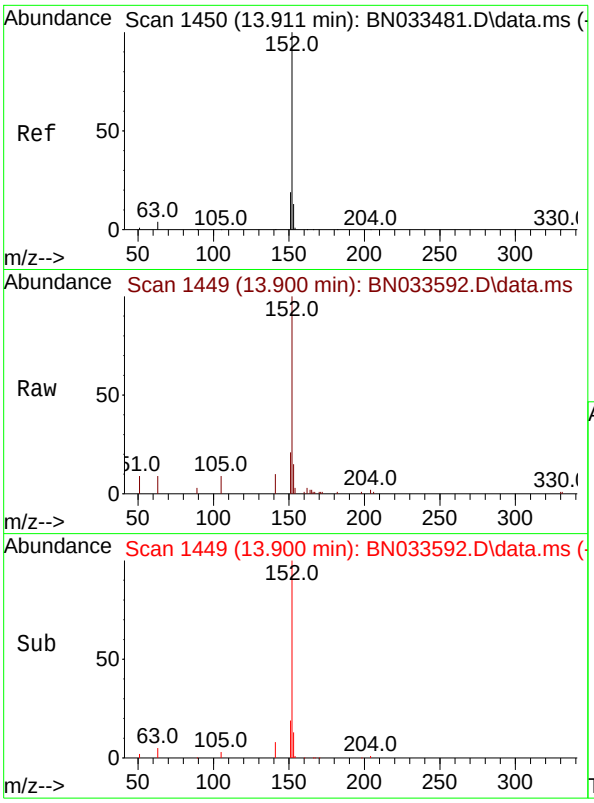


#15
2-Fluorobiphenyl
Concen: 0.172 ng
RT: 12.799 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:172 Resp: 6114

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.7	41.5
170	24.1	18.3	27.5



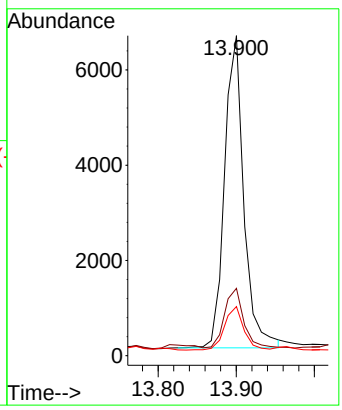


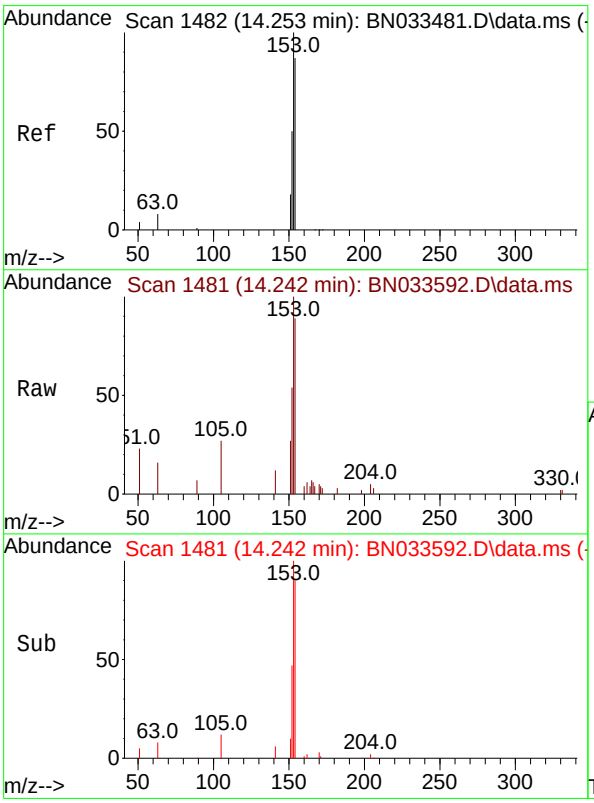
#16
Acenaphthylene
Concen: 0.293 ng
RT: 13.900 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:152 Resp: 11201

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.7	23.5
153	14.1	10.3	15.5

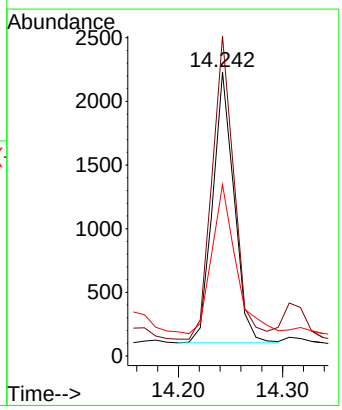


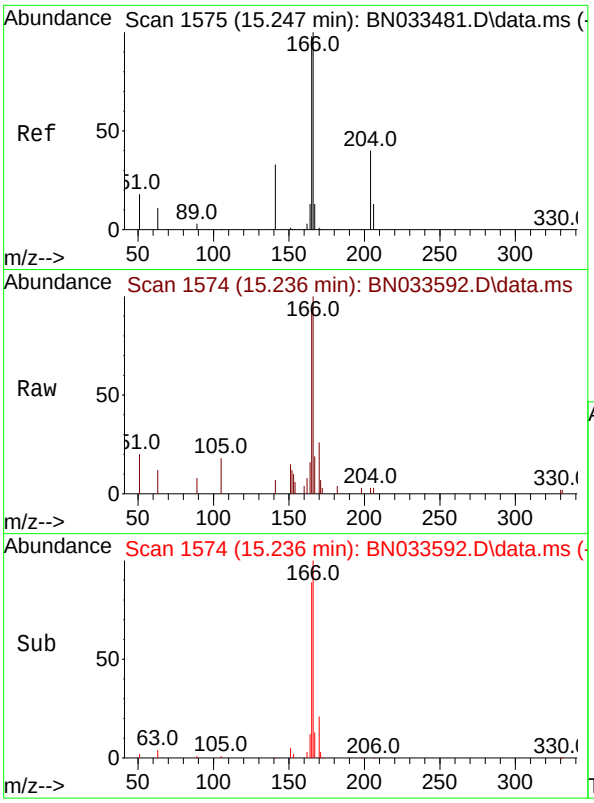


#17
Acenaphthene
Concen: 0.113 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:154 Resp: 3043

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.0	133.6
152	61.5	45.2	67.8



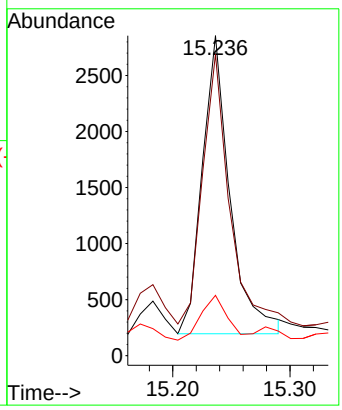


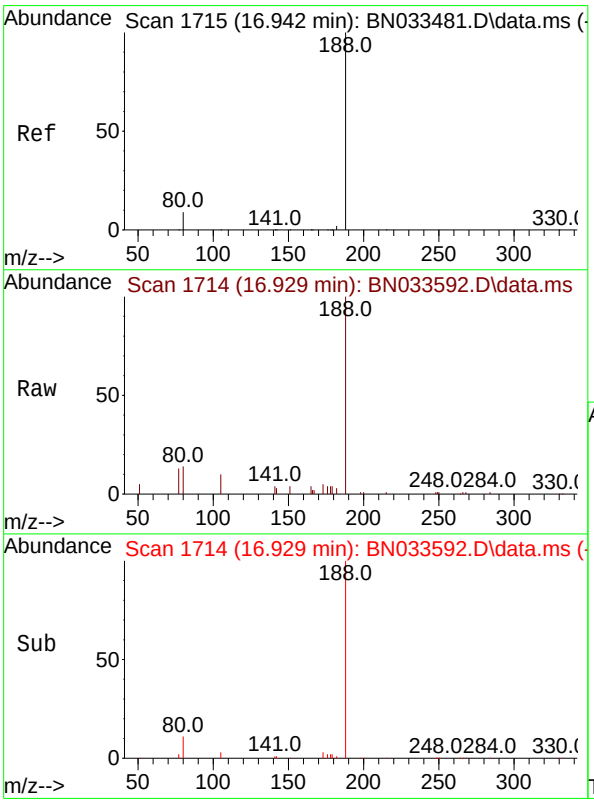
#18
Fluorene
Concen: 0.129 ng
RT: 15.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:166 Resp: 4381

Ion	Ratio	Lower	Upper
166	100		
165	86.0	78.2	117.4
167	15.1	10.6	16.0

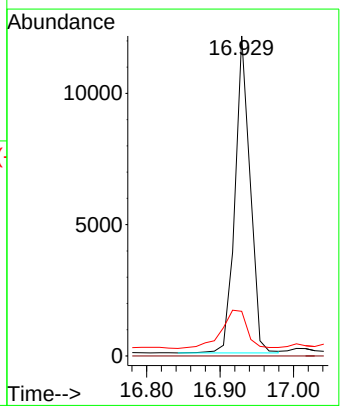


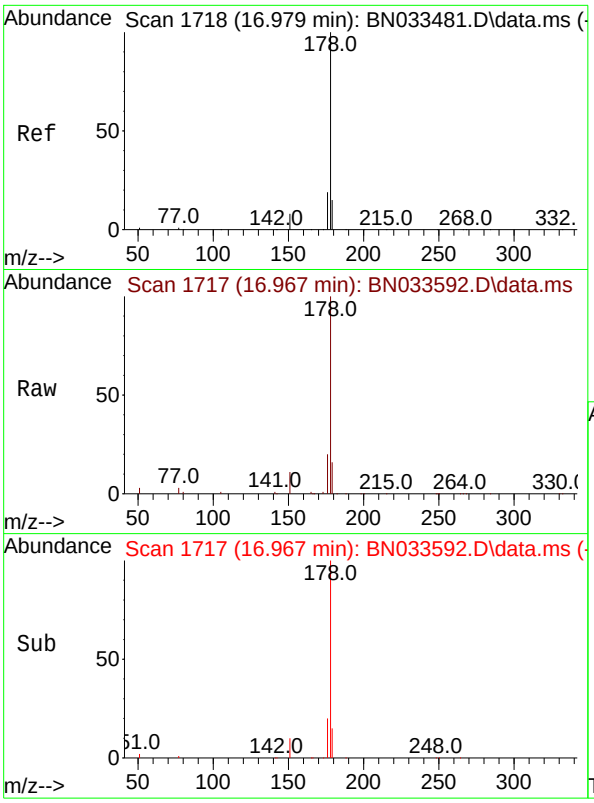


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:188 Resp: 17176

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	7.8	11.8#



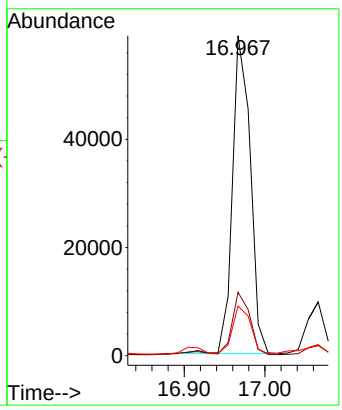


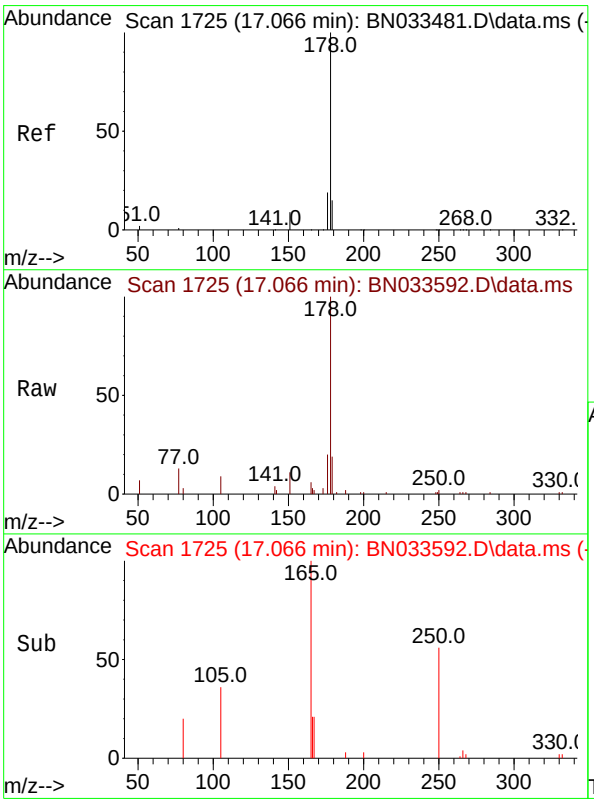
#25
Phenanthrene
Concen: 1.887 ng
RT: 16.967 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:178 Resp: 90177

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.0	12.3	18.5

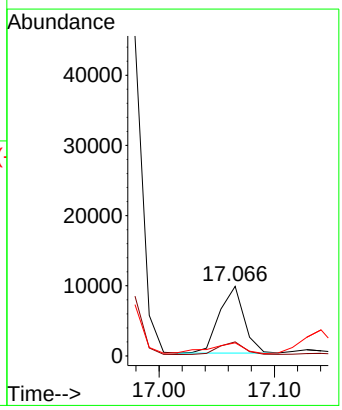


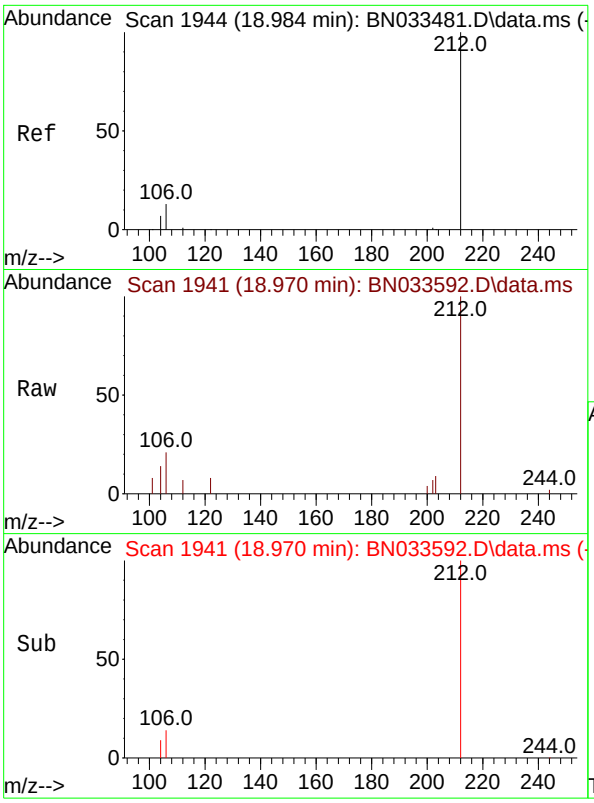


#26
Anthracene
Concen: 0.337 ng
RT: 17.066 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:178 Resp: 14247

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.6
179	21.2	12.4	18.6#



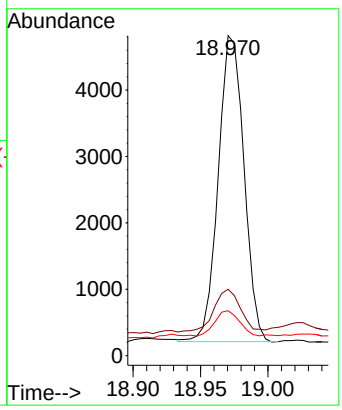


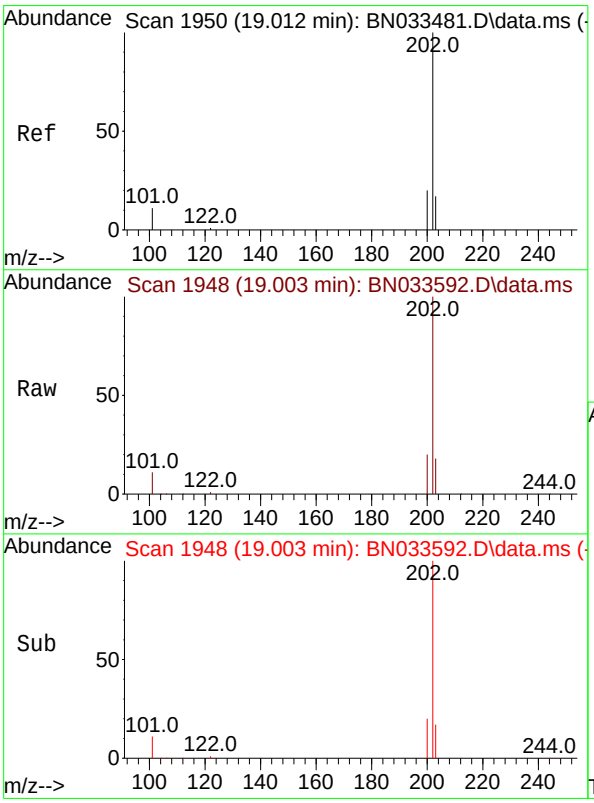
#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 18.970 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:212 Resp: 6117

Ion	Ratio	Lower	Upper
212	100		
106	14.6	12.3	18.5
104	8.4	7.0	10.4

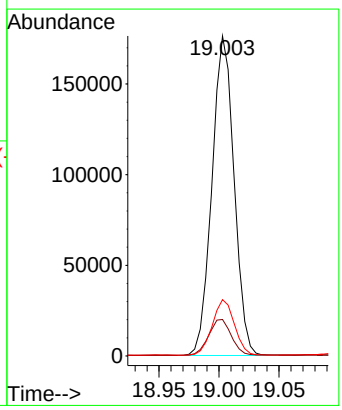


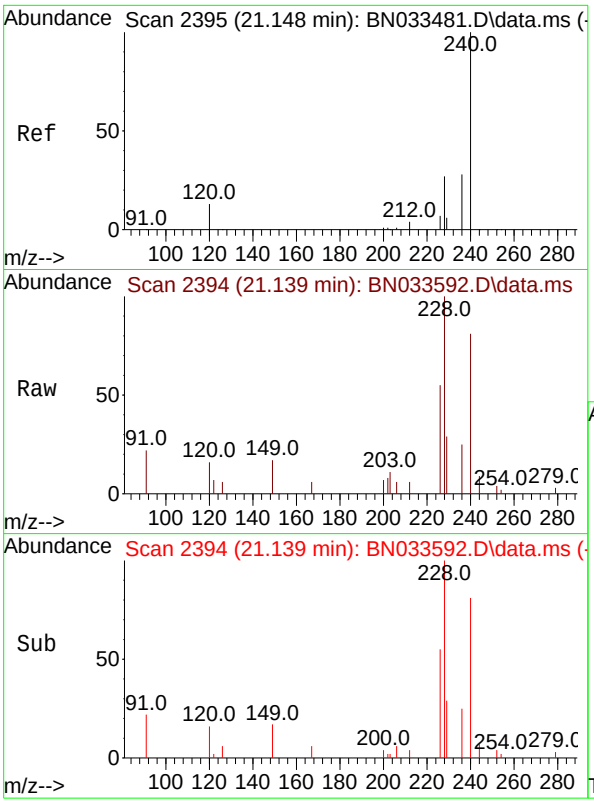


#28
Fluoranthene
Concen: 4.282 ng
RT: 19.003 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:202 Resp: 226121

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.5	14.3
203	17.3	13.8	20.6



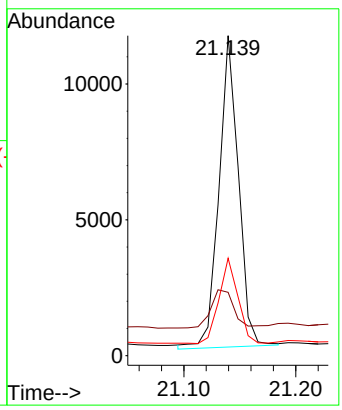


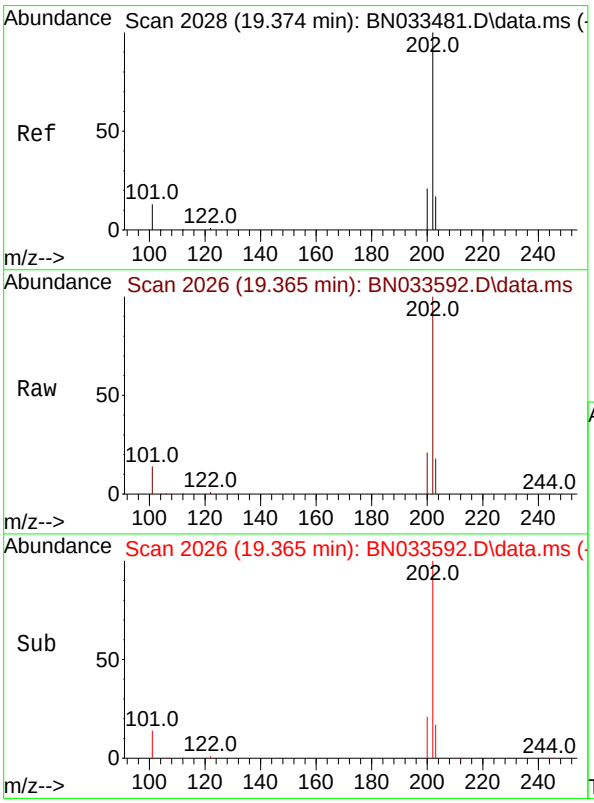
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:240 Resp: 13898

Ion	Ratio	Lower	Upper
240	100		
120	19.8	12.4	18.6#
236	30.4	23.0	34.6

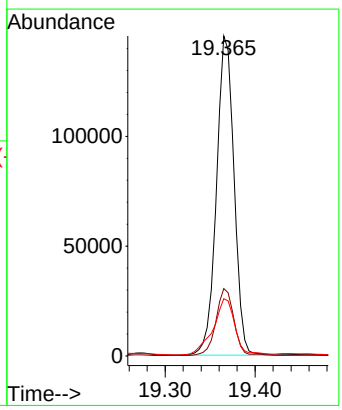


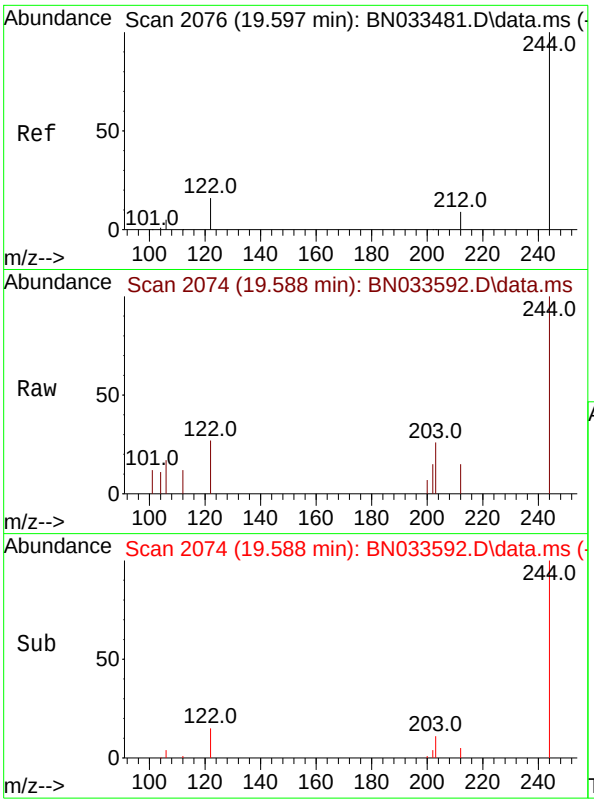


#30
Pyrene
Concen: 3.172 ng
RT: 19.365 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:202 Resp: 196785

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	21.6	14.2	21.4#



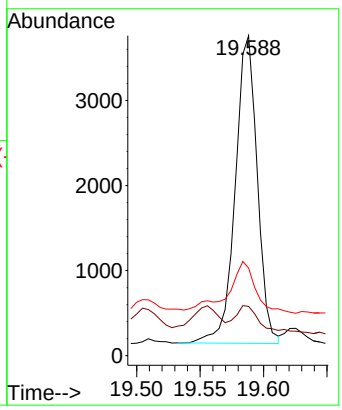


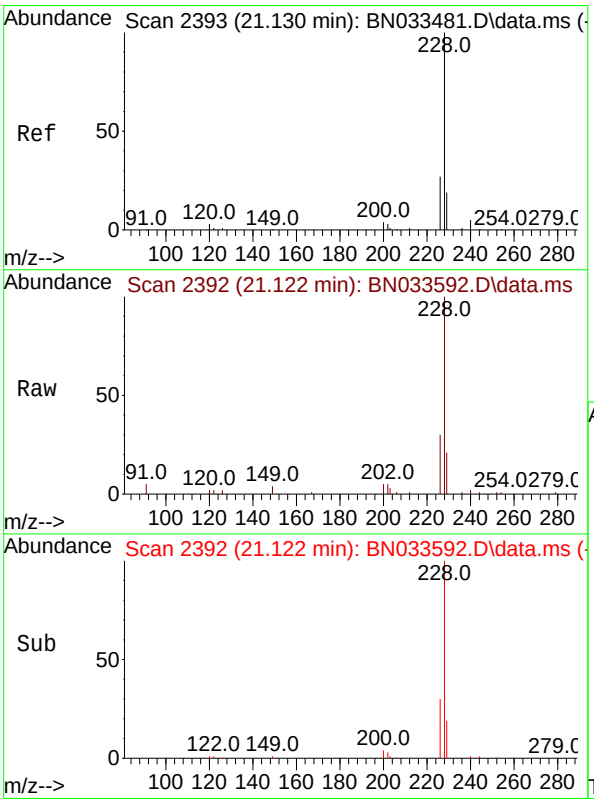
#31
Terphenyl-d14
Concen: 0.139 ng
RT: 19.588 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:244 Resp: 4375

Ion	Ratio	Lower	Upper
244	100		
212	15.4	7.8	11.6#
122	27.4	13.3	19.9#

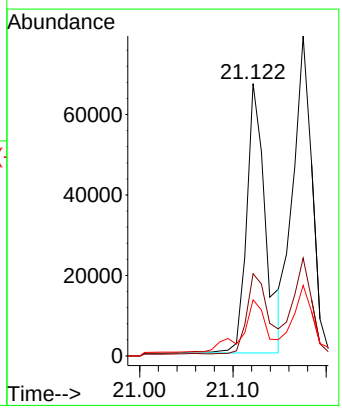


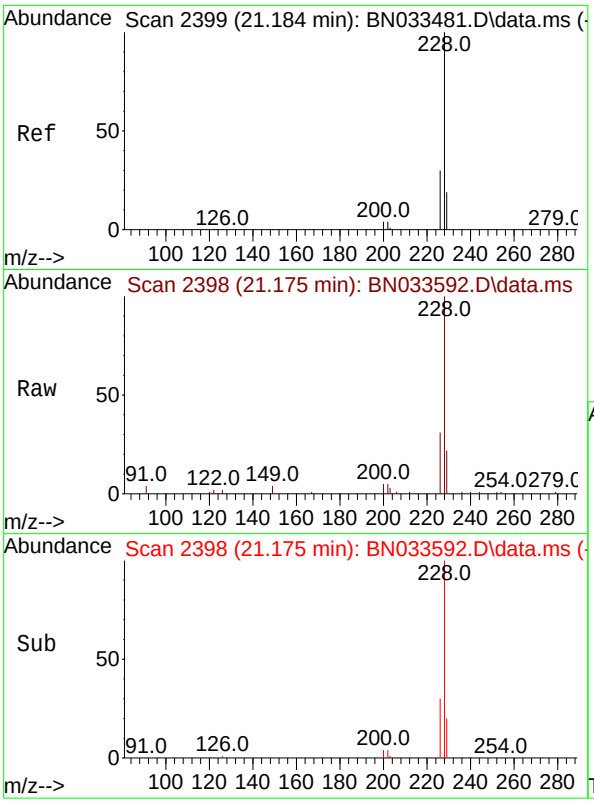


#32
Benzo(a)anthracene
Concen: 1.872 ng
RT: 21.122 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:228 Resp: 94067

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.8	32.6
229	20.6	15.8	23.6



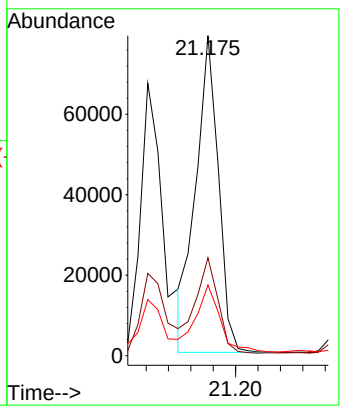


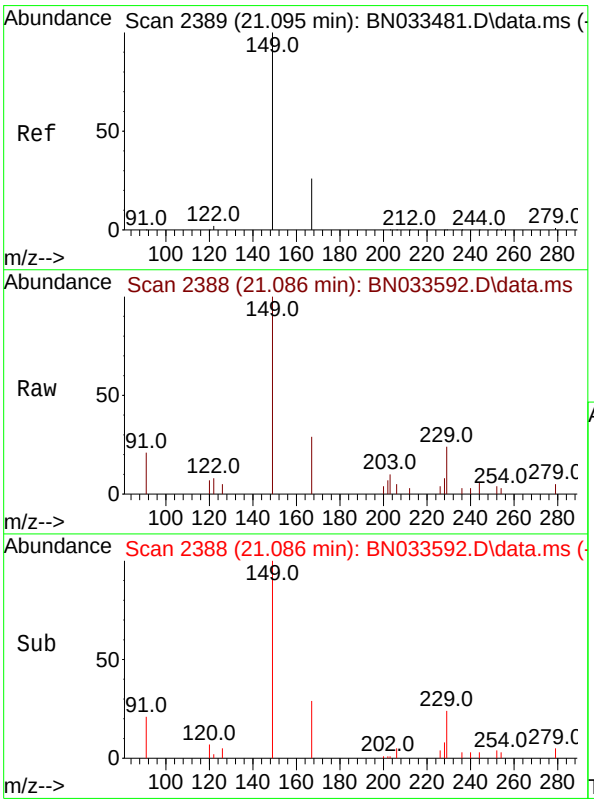
#33
Chrysene
Concen: 2.219 ng
RT: 21.175 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:228 Resp: 110803

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	22.1	15.6	23.4

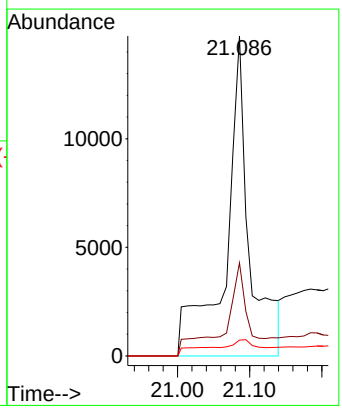


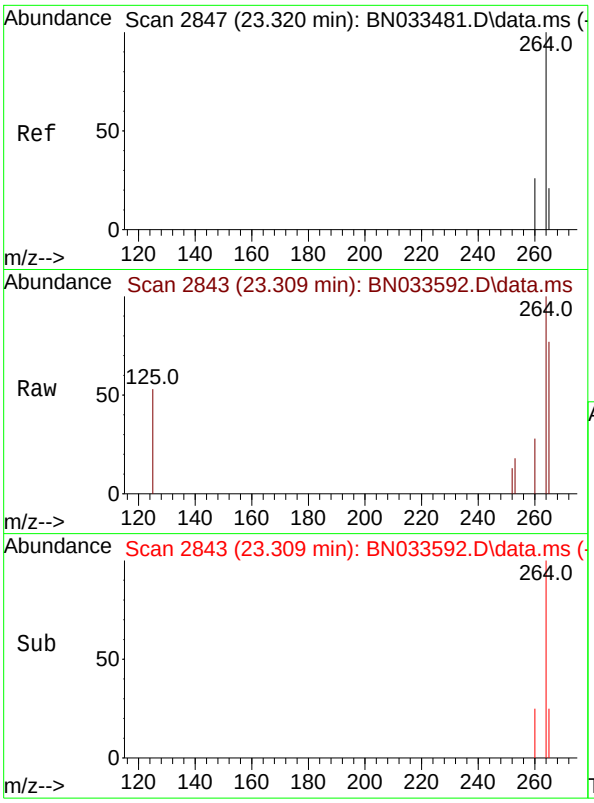


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.034 ng
RT: 21.086 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:149 Resp: 32898

Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.5	32.3
279	10.0	2.2	3.2#



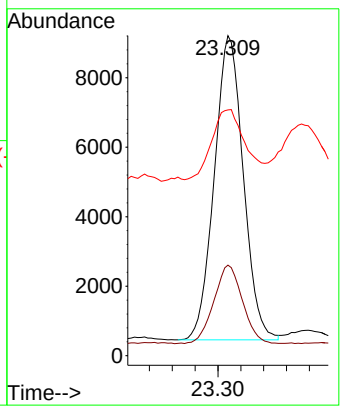


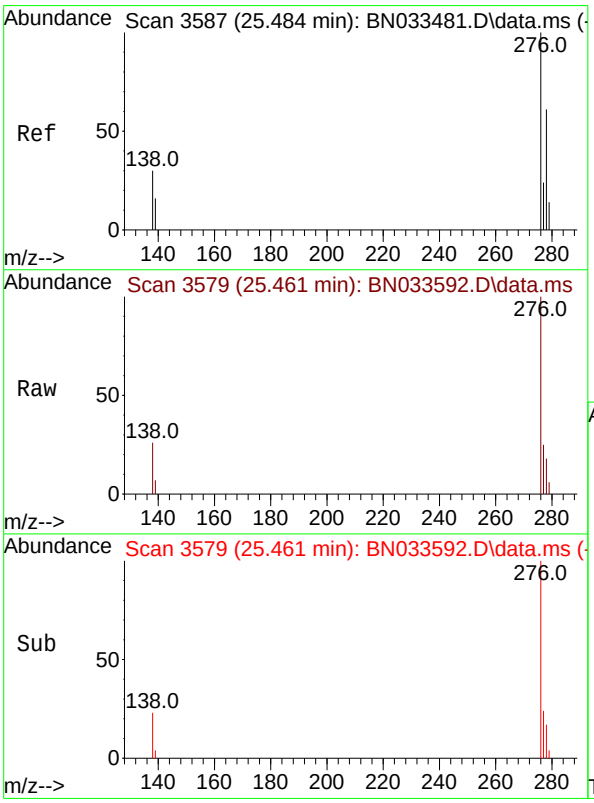
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:264 Resp: 15412

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.8	31.2
265	76.8	52.2	78.2

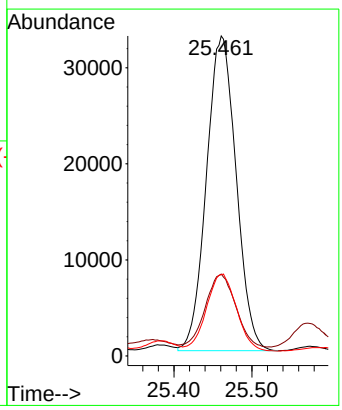


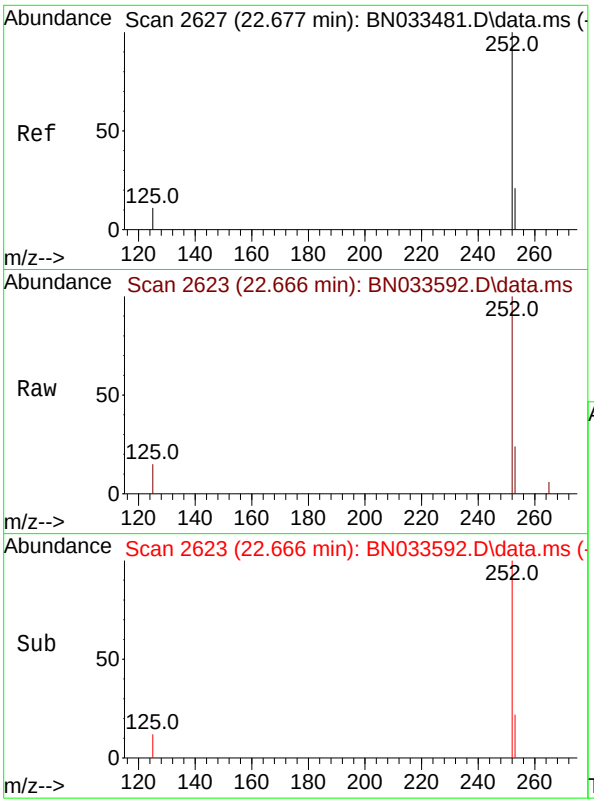


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.355 ng
RT: 25.461 min Scan# 3579
Delta R.T. 0.012 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:276 Resp: 86711

Ion	Ratio	Lower	Upper
276	100		
138	23.4	24.4	36.6#
277	24.7	19.8	29.6



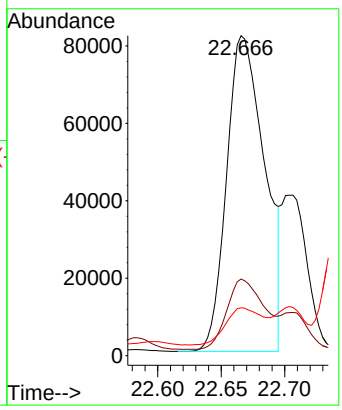


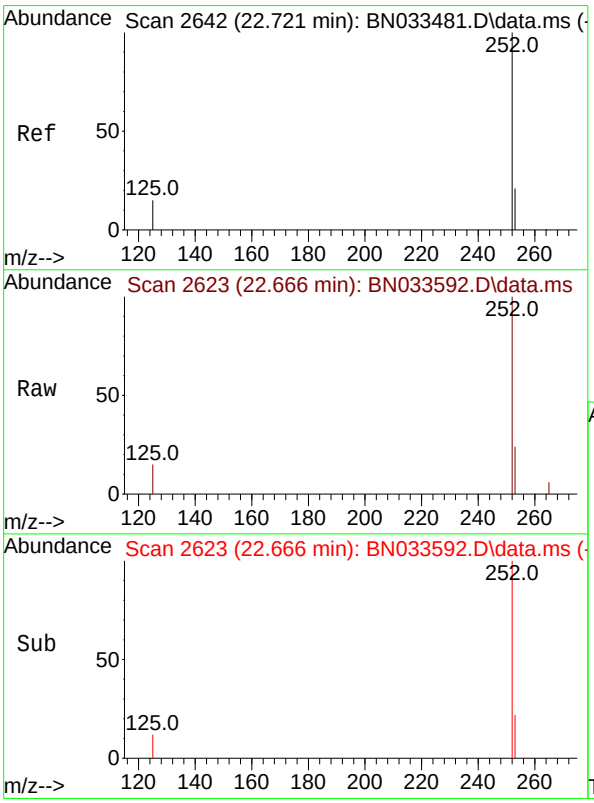
#37
Benzo(b)fluoranthene
Concen: 2.957 ng
RT: 22.666 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:252 Resp: 170173

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	14.9	13.9	20.9

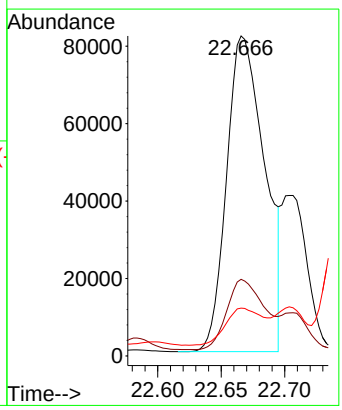


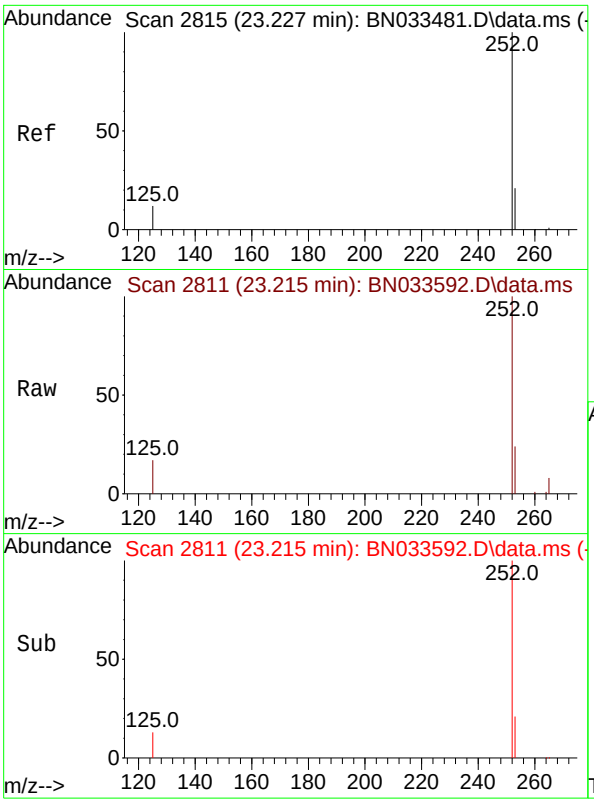


#38
Benzo(k)fluoranthene
Concen: 3.004 ng
RT: 22.666 min Scan# 2623
Delta R.T. -0.038 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:252 Resp: 170173

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	14.9	15.8	23.8#



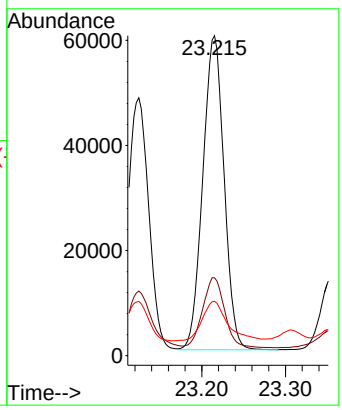


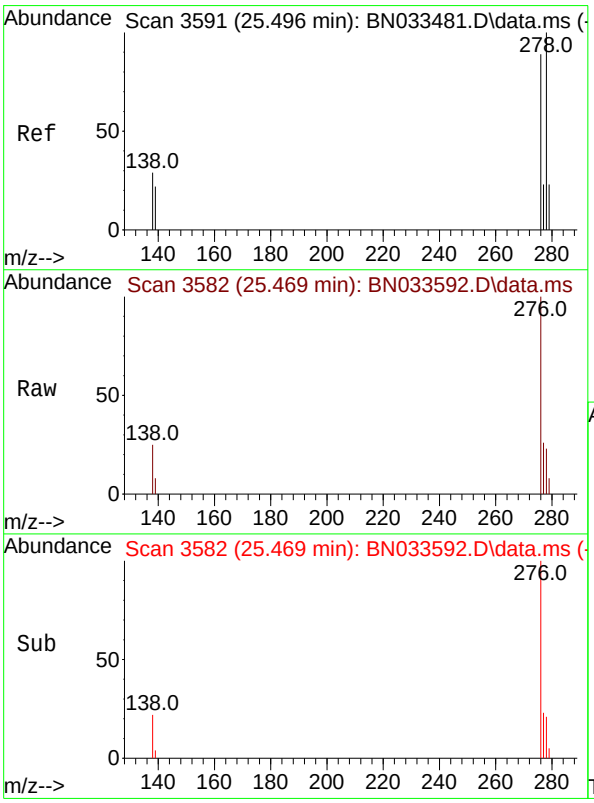
#39
Benzo(a)pyrene
Concen: 2.211 ng
RT: 23.215 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:252 Resp: 105296

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.5	32.3
125	17.0	17.0	25.4

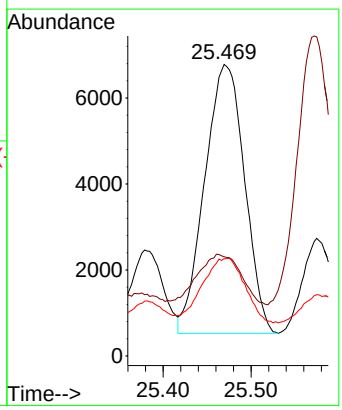


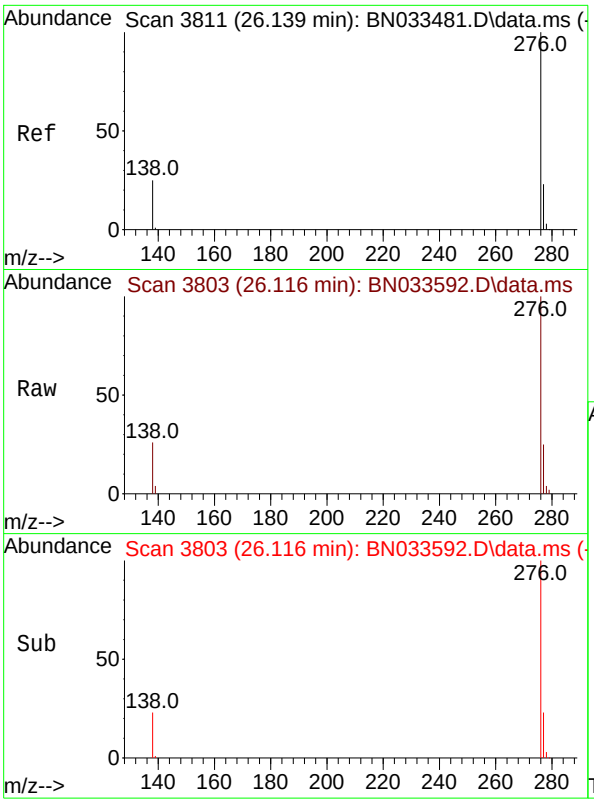


#40
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 25.469 min Scan# 3582
Delta R.T. 0.000 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Tgt Ion:278 Resp: 19717

Ion	Ratio	Lower	Upper
278	100		
139	34.0	19.1	28.7#
279	33.4	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 1.581 ng
RT: 26.116 min Scan# 3
Delta R.T. 0.012 min
Lab File: BN033592.D
Acq: 23 Aug 2024 16:35

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:276 Resp: 86506

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	26.2	21.8	32.6