Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033588.D
Acq On : 23 Aug 2024 14:10
Operator : MA/JU
Sample : P3641-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Quant Time: Aug 23 14:59:19 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	7041	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	19222	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9917	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	20181	0.400	ng	# 0.00
29) Chrysene-d12	21.139	240	15776	0.400	ng	# 0.00
35) Perylene-d12	23.309	264	18255	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3946	0.176	ng	0.00
5) Phenol-d6	6.736	99	4820	0.181	ng	0.00
8) Nitrobenzene-d5	8.681	82	3465	0.217	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	5776	0.210	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1286	0.241	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	8009	0.198	ng	0.00
27) Fluoranthene-d10	18.970	212	9897	0.204	ng	0.00
31) Terphenyl-d14	19.583	244	7148	0.199	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	4646	0.493	ng	# 1
6) bis(2-Chloroethyl)ether	6.996	93	420	0.022	ng	# 22
9) Naphthalene	10.357	128	8448	0.164	ng	97
12) 2-Methylnaphthalene	11.975	142	6719	0.207	ng	# 94
16) Acenaphthylene	13.900	152	16752	0.385	ng	99
17) Acenaphthene	14.242	154	10002	0.327	ng	98
18) Fluorene	15.236	166	13865	0.360	ng	93
25) Phenanthrene	16.967	178	285757	5.090	ng	100
26) Anthracene	17.066	178	57239	1.152	ng	97
28) Fluoranthene	19.003	202	647228	10.432	ng	100
30) Pyrene	19.365	202	526102	7.472	ng	# 95
32) Benzo(a)anthracene	21.121	228	262001	4.594	ng	97
33) Chrysene	21.175	228	274866	4.848	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	25327	0.701	ng	# 78
36) Indeno(1,2,3-cd)pyrene	25.463	276	229765	3.032	ng	# 93
37) Benzo(b)fluoranthene	22.665	252	442931	6.497	ng	# 93
38) Benzo(k)fluoranthene	22.665	252	442931	6.601	ng	# 91
39) Benzo(a)pyrene	23.125	252	219209	3.886	ng	93
40) Dibenzo(a,h)anthracene	25.469	278	51502	0.850	ng	97
41) Benzo(g,h,i)perylene	26.118	276	229194	3.537	ng	97

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

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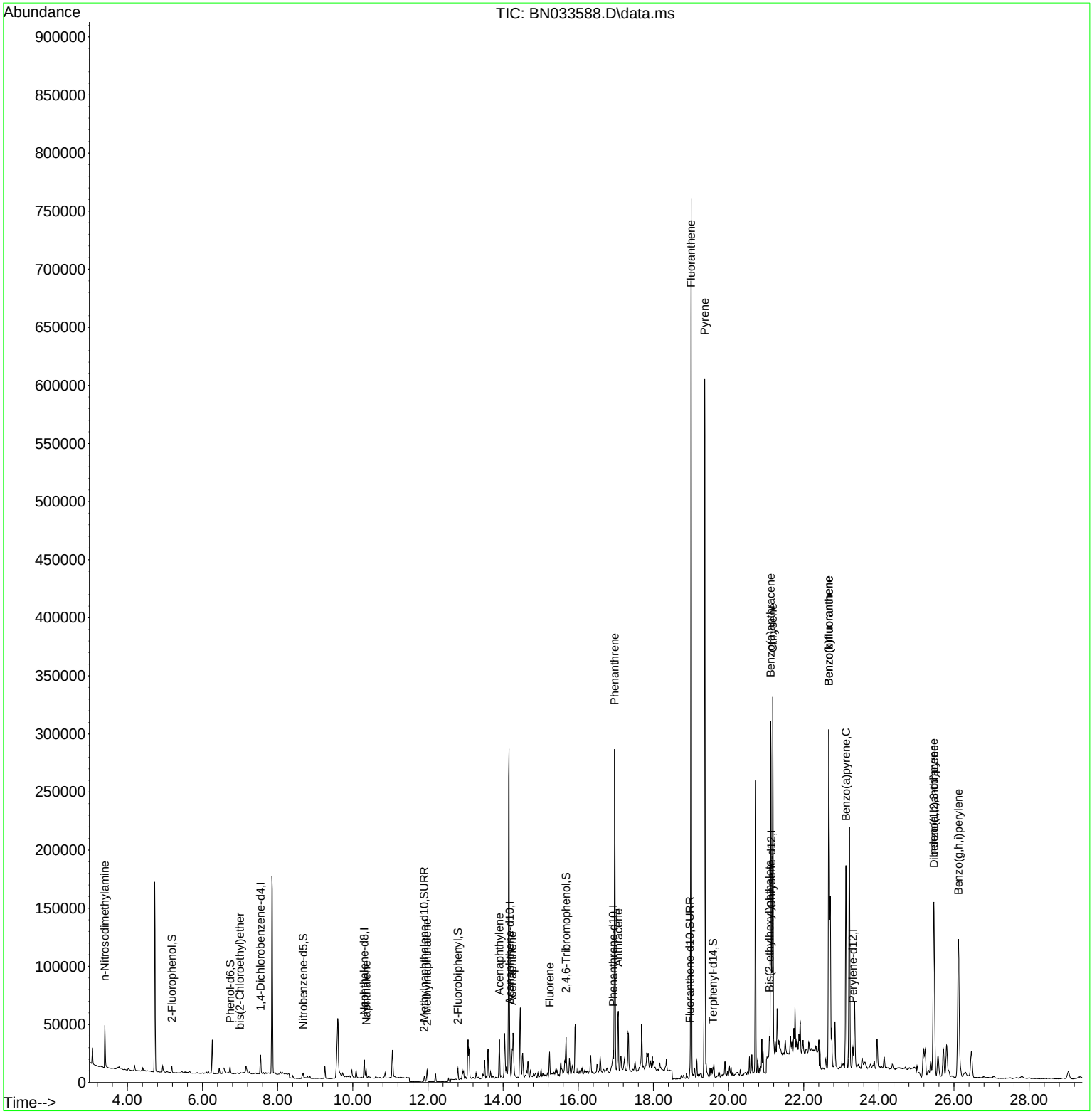
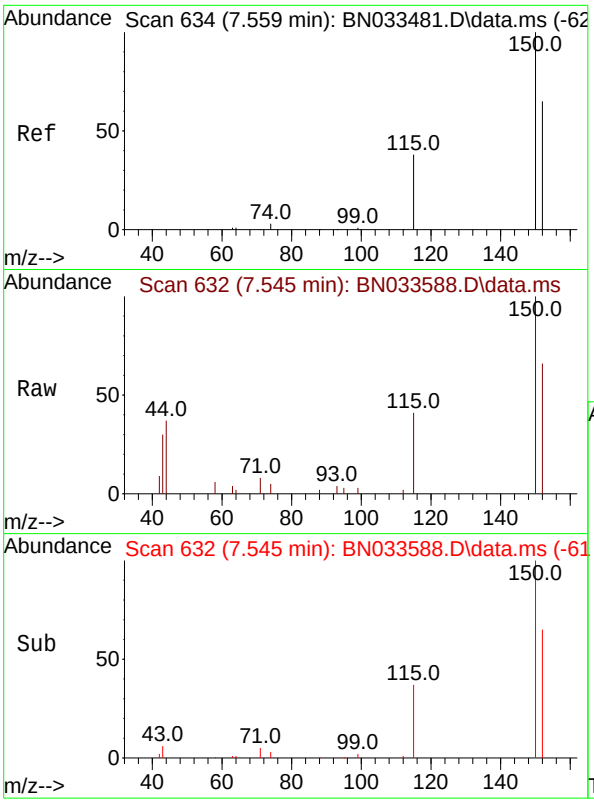


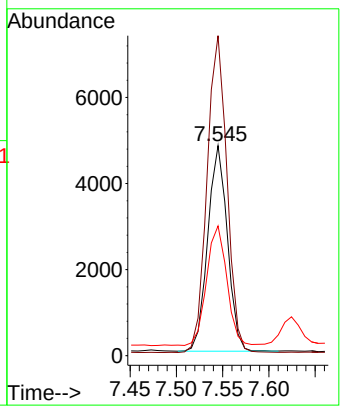


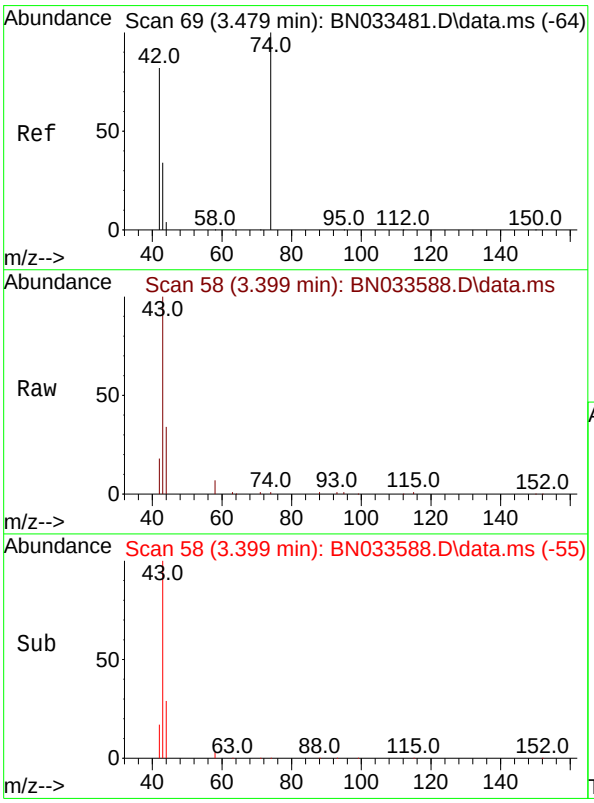
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:152 Resp: 7041

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.2	183.2
115	61.7	47.2	70.8

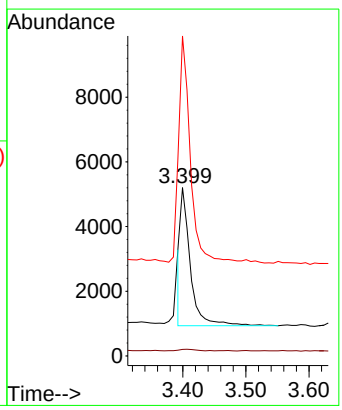


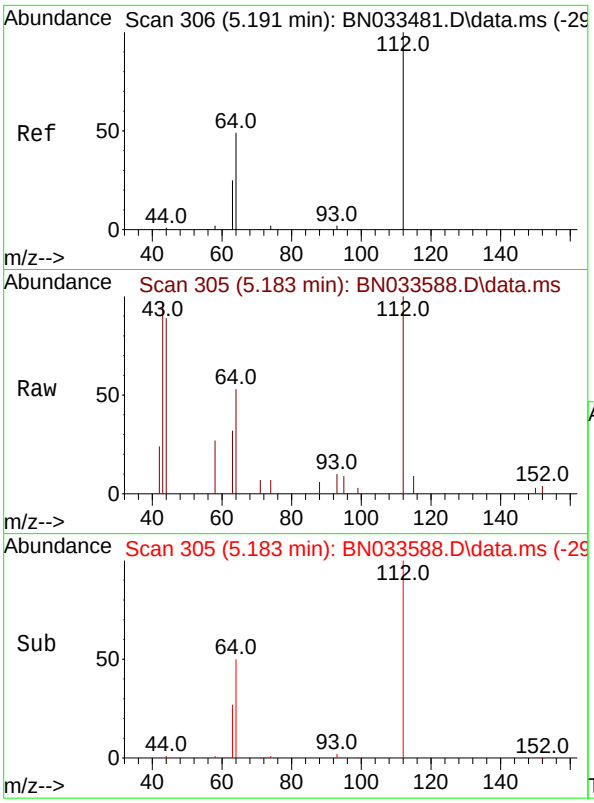


#3
n-Nitrosodimethylamine
Concen: 0.493 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion: 42 Resp: 4646

Ion	Ratio	Lower	Upper
42	100		
74	1.5	100.2	150.2#
44	154.6	5.3	7.9#



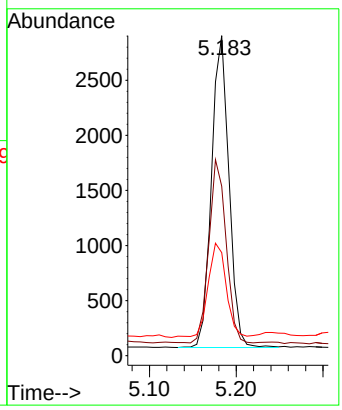


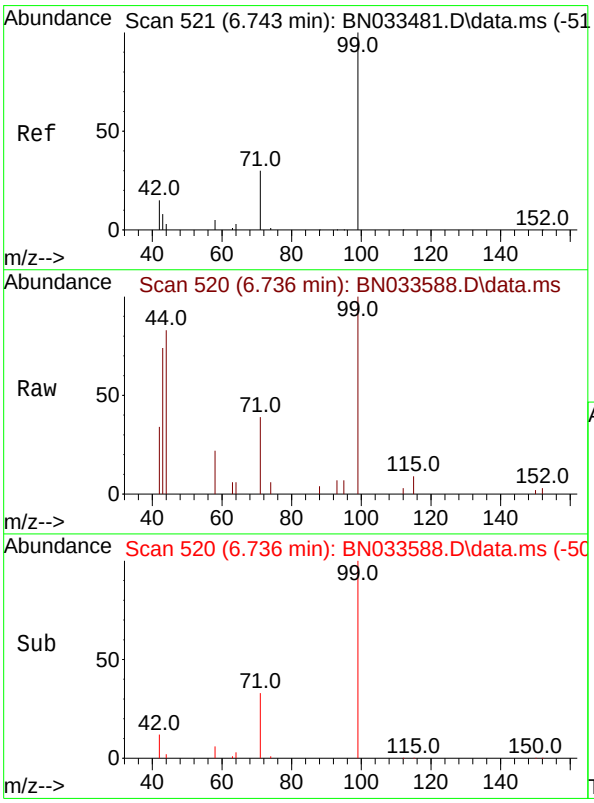
#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.183 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:112 Resp: 3946

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.1	70.7
63	31.6	24.9	37.3

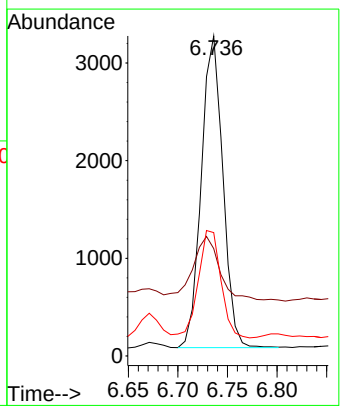


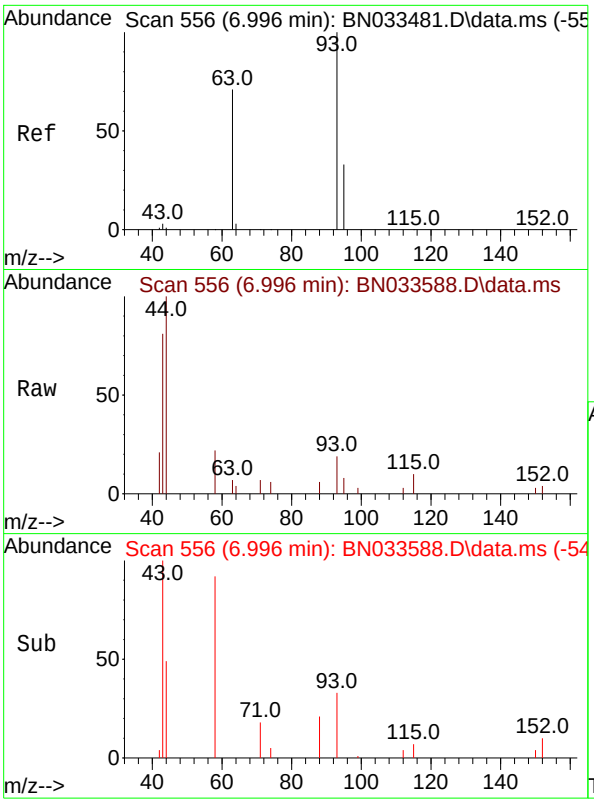


#5
Phenol-d6
Concen: 0.181 ng
RT: 6.736 min Scan# 520
Delta R.T. 0.007 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion: 99 Resp: 4820

Ion	Ratio	Lower	Upper
99	100		
42	25.4	16.6	24.8#
71	36.2	26.2	39.4



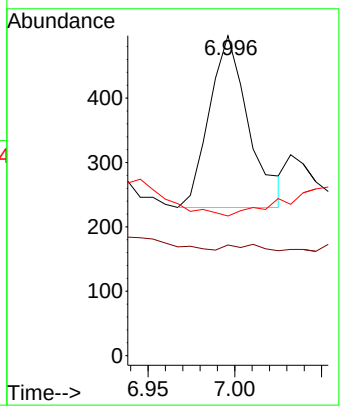


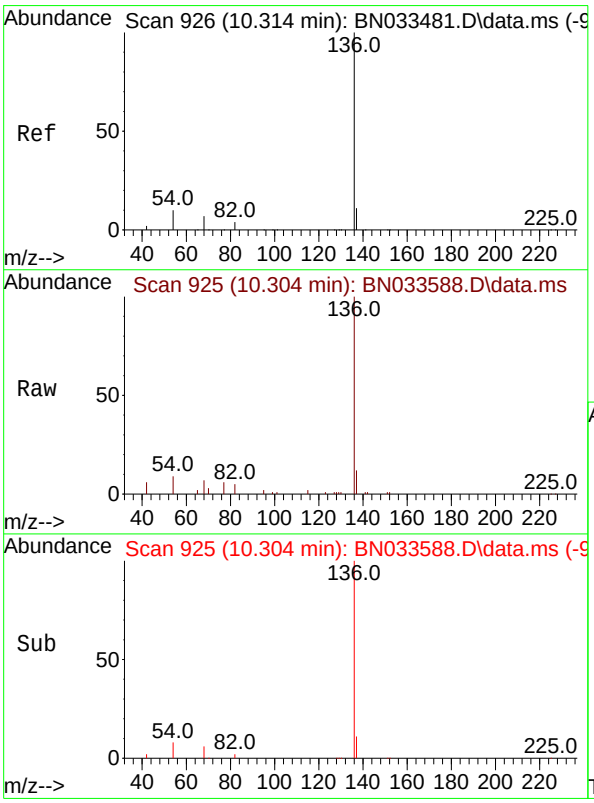
#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 6.996 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion: 93 Resp: 420

Ion	Ratio	Lower	Upper
93	100		
63	2.9	63.0	94.4#
95	0.0	26.0	39.0#

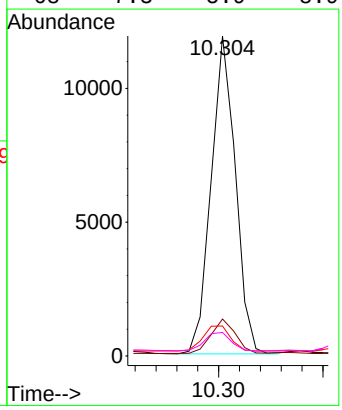


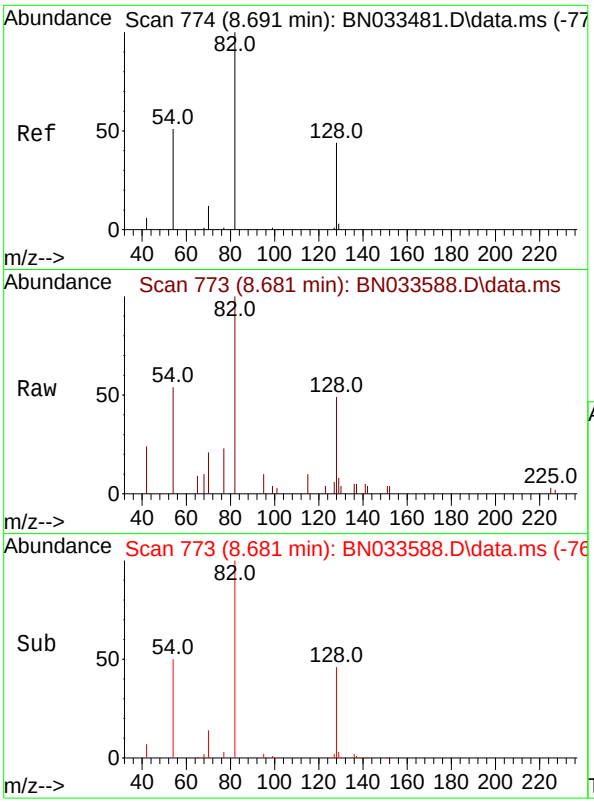


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:136 Resp: 19222

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.3	8.3	12.5
68	7.3	5.9	8.9



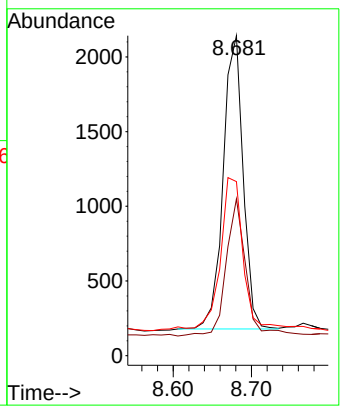


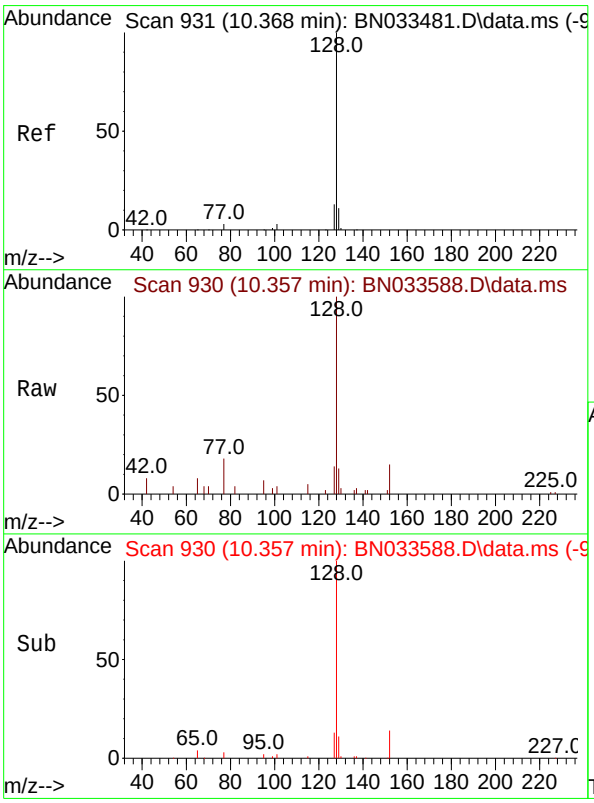
#8
Nitrobenzene-d5
Concen: 0.217 ng
RT: 8.681 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion: 82 Resp: 3465

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.0	54.0
54	54.4	42.0	63.0

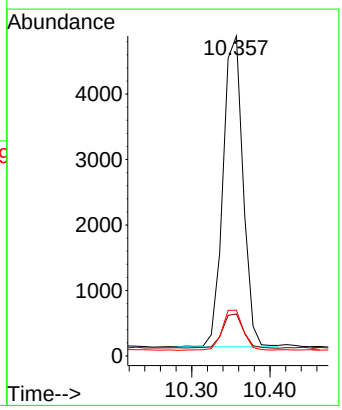


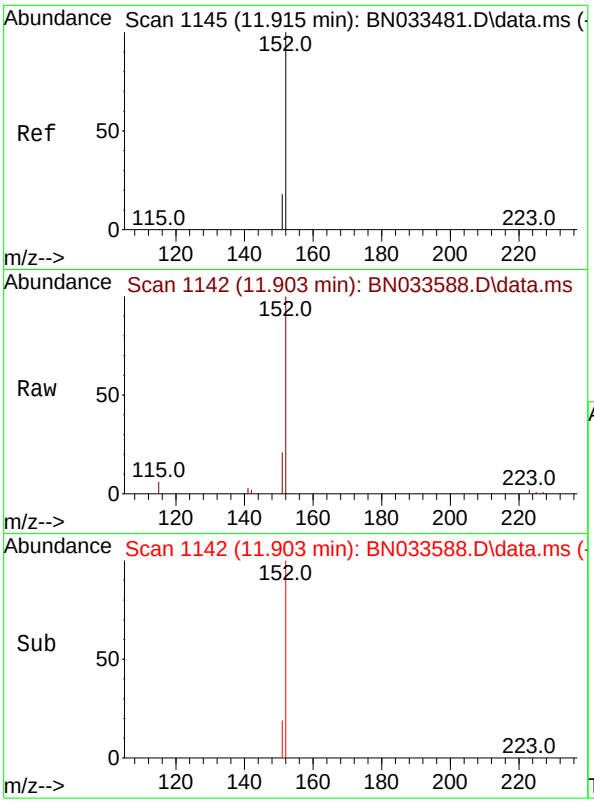


#9
Naphthalene
Concen: 0.164 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:128 Resp: 8448

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.1	13.7
127	14.3	10.7	16.1



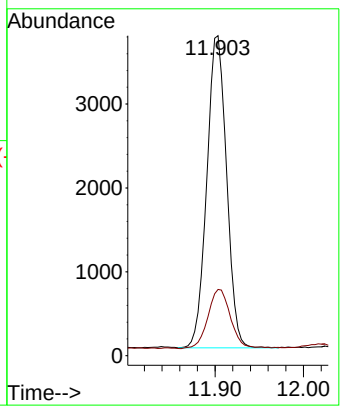


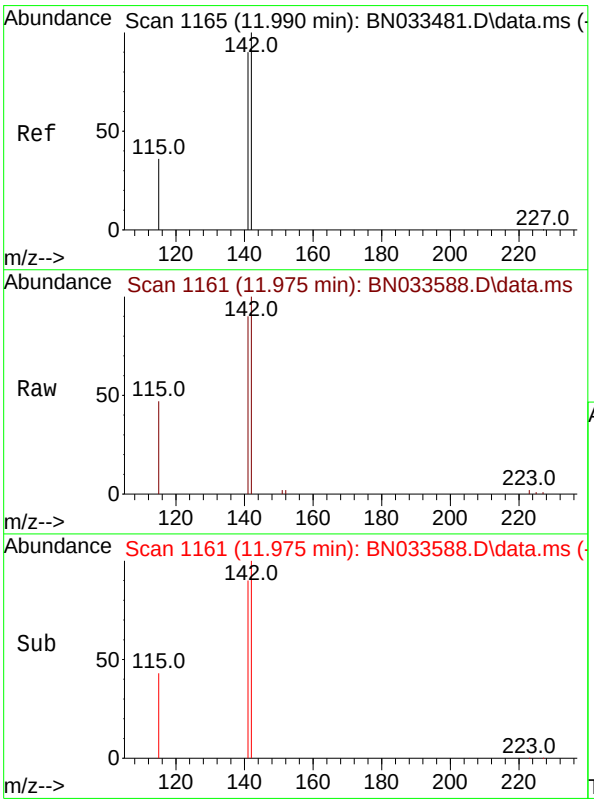
#11
2-Methylnaphthalene-d10
Concen: 0.210 ng
RT: 11.903 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:152 Resp: 5776

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.6	25.0

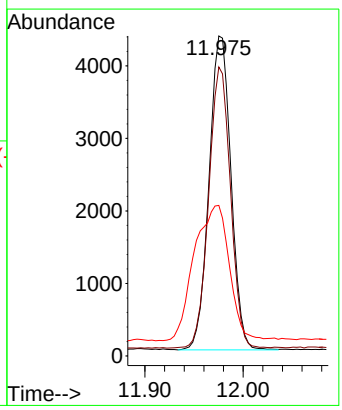


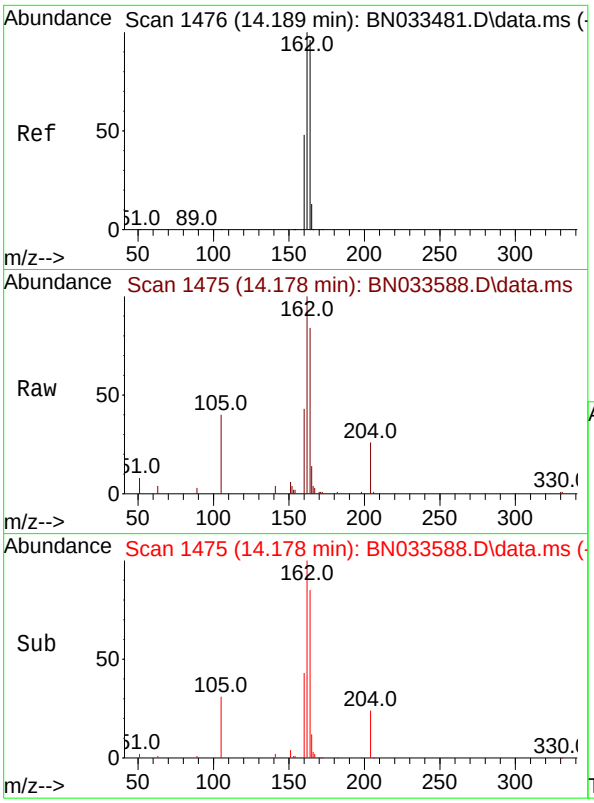


#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:142 Resp: 6719

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	47.0	29.4	44.2#



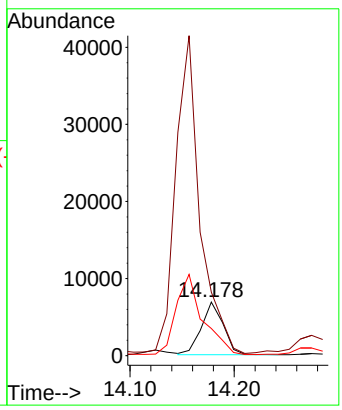


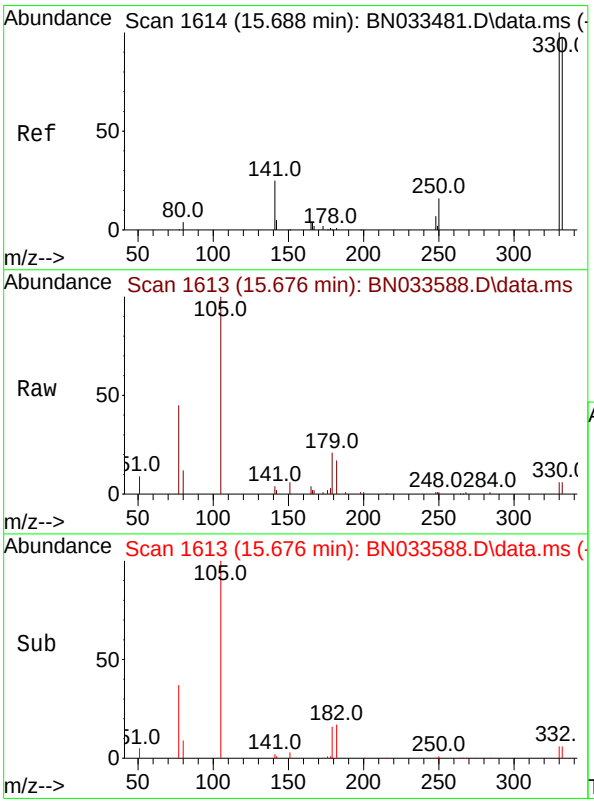
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:164 Resp: 9917

Ion	Ratio	Lower	Upper
164	100		
162	118.8	83.5	125.3
160	50.9	40.2	60.4

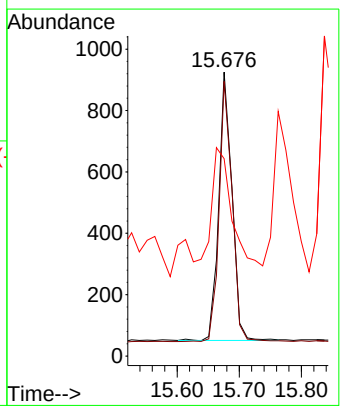


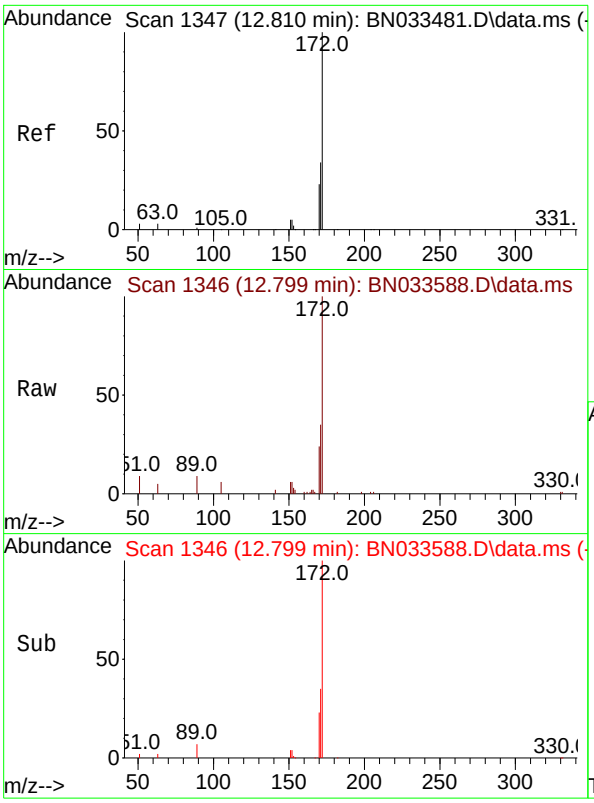


#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:330 Resp: 1286

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.5	116.3
141	64.0	33.9	50.9#



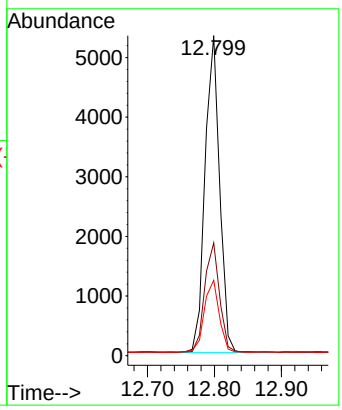


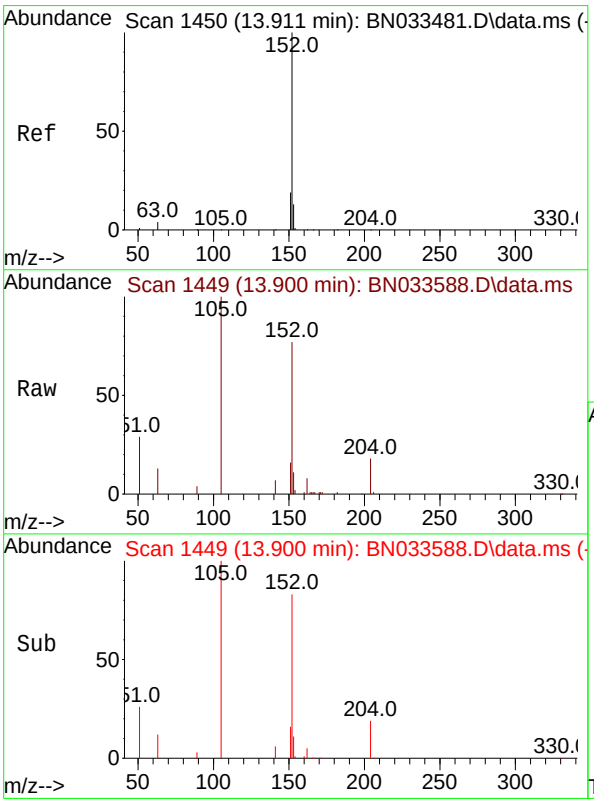
#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:172 Resp: 8009

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.7	41.5
170	23.6	18.3	27.5

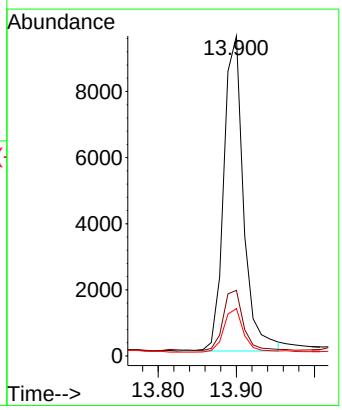


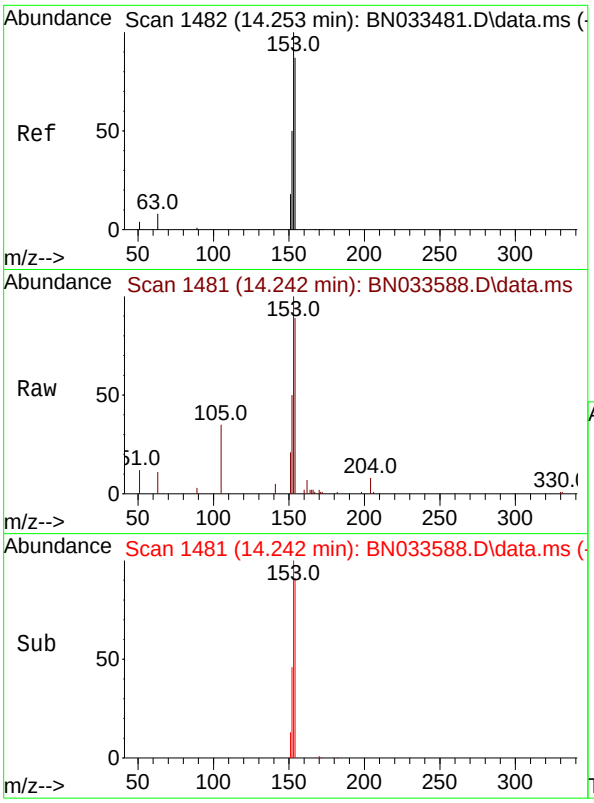


#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:152 Resp: 16752

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.8	10.3	15.5



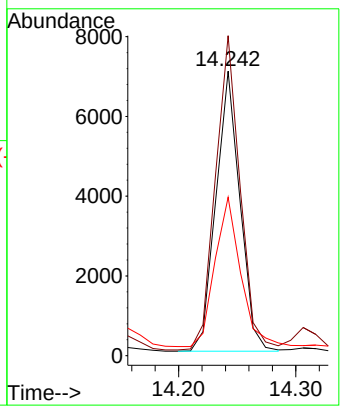


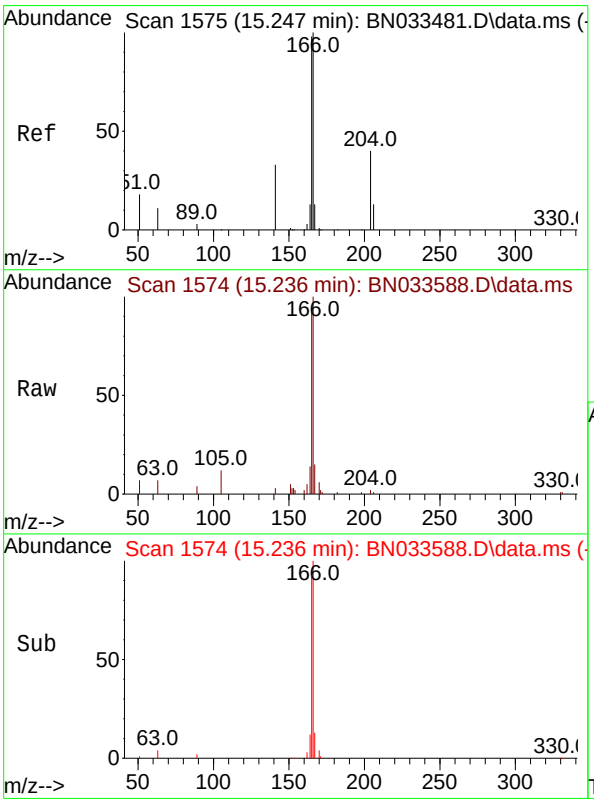
#17
Acenaphthene
Concen: 0.327 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:154 Resp: 10002

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.0	133.6
152	57.3	45.2	67.8

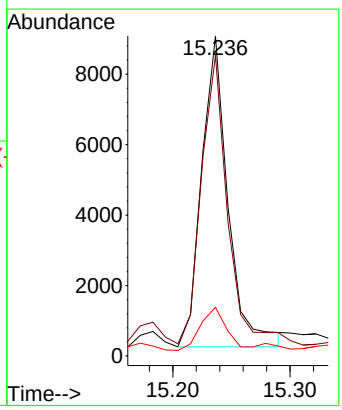


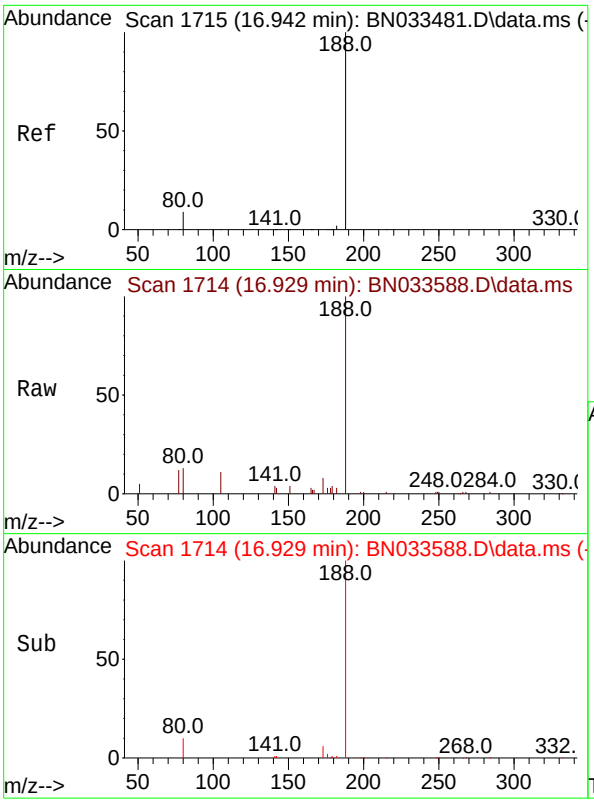


#18
Fluorene
Concen: 0.360 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:166 Resp: 13865

Ion	Ratio	Lower	Upper
166	100		
165	90.6	78.2	117.4
167	13.9	10.6	16.0



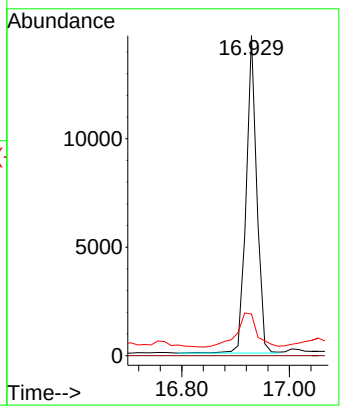


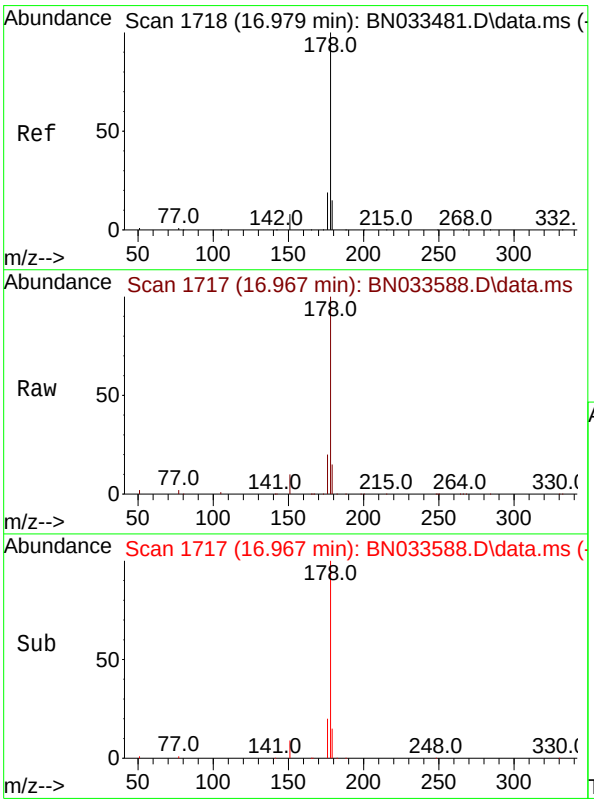
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:188 Resp: 20181

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	7.8	11.8#

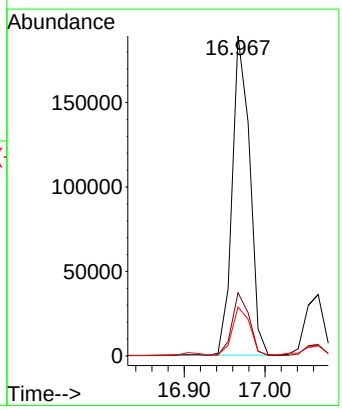


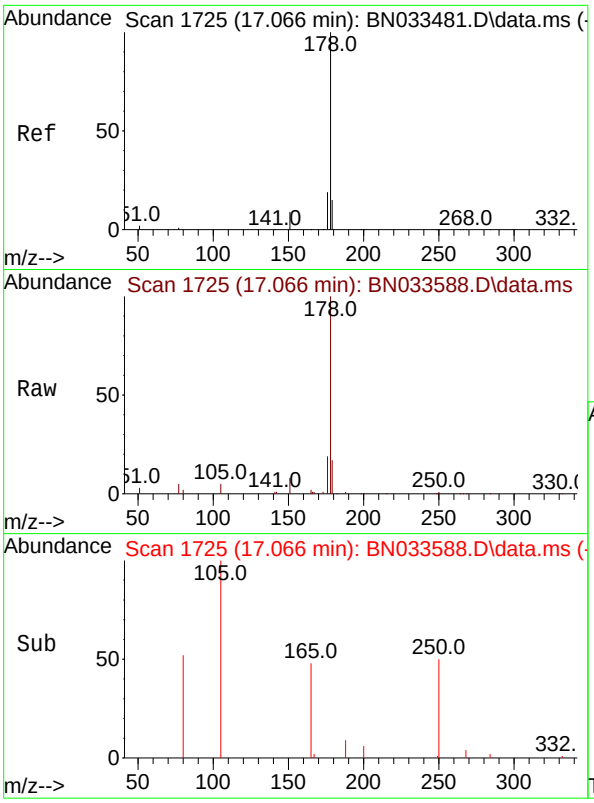


#25
Phenanthrene
Concen: 5.090 ng
RT: 16.967 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:178 Resp: 285757

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.3	18.5



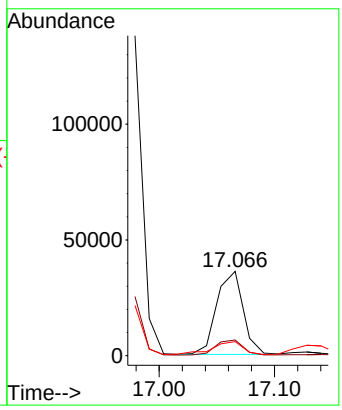


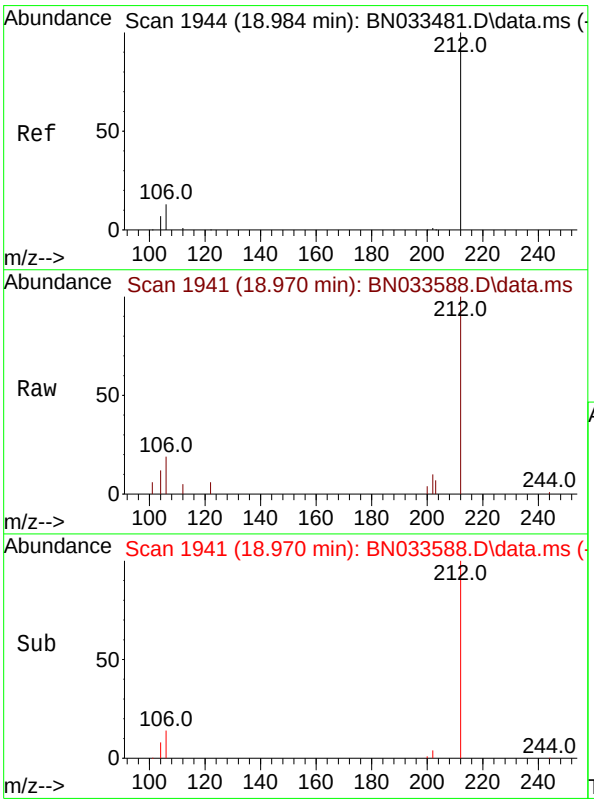
#26
Anthracene
Concen: 1.152 ng
RT: 17.066 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:178 Resp: 57239

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	17.8	12.4	18.6

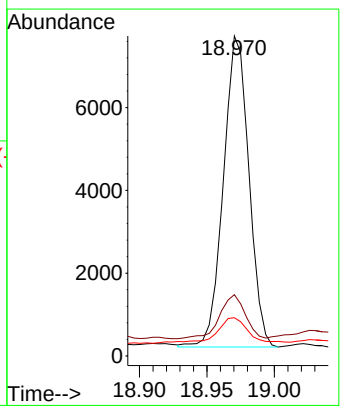


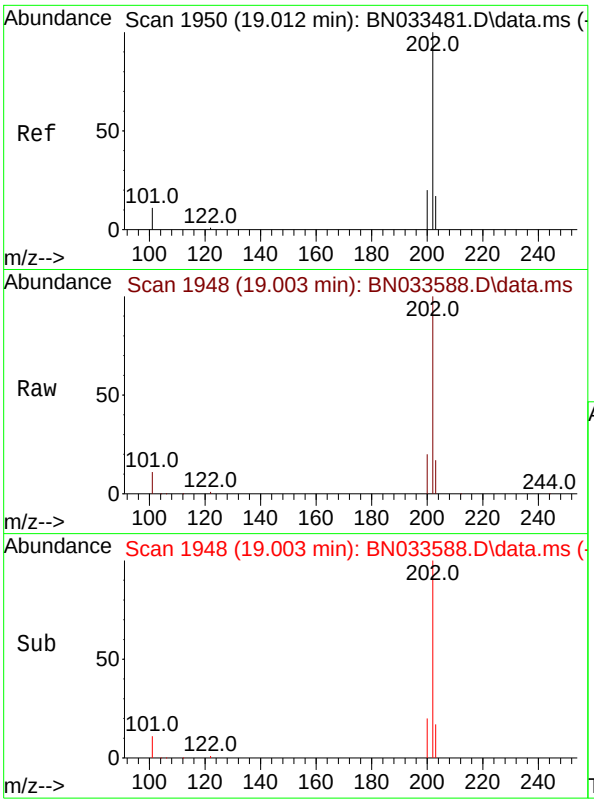


#27
Fluoranthene-d10
Concen: 0.204 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:212 Resp: 9897

Ion	Ratio	Lower	Upper
212	100		
106	14.1	12.3	18.5
104	10.2	7.0	10.4



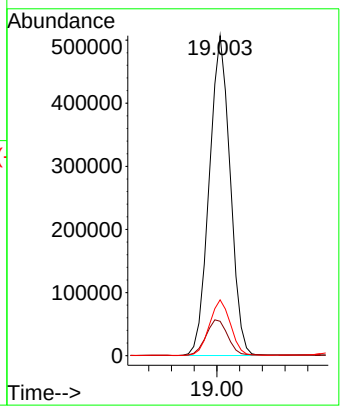


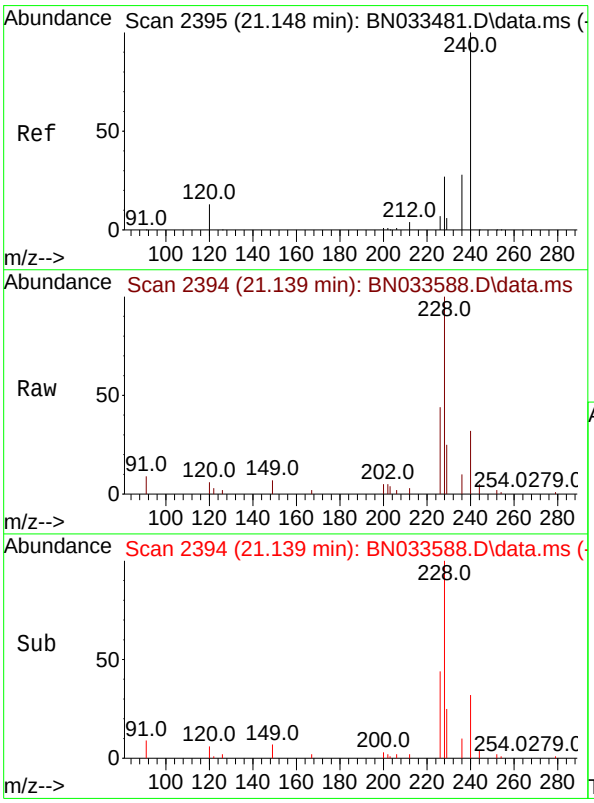
#28
Fluoranthene
Concen: 10.432 ng
RT: 19.003 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:202 Resp: 647228

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
203	17.4	13.8	20.6

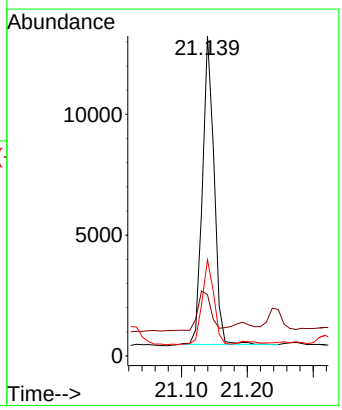


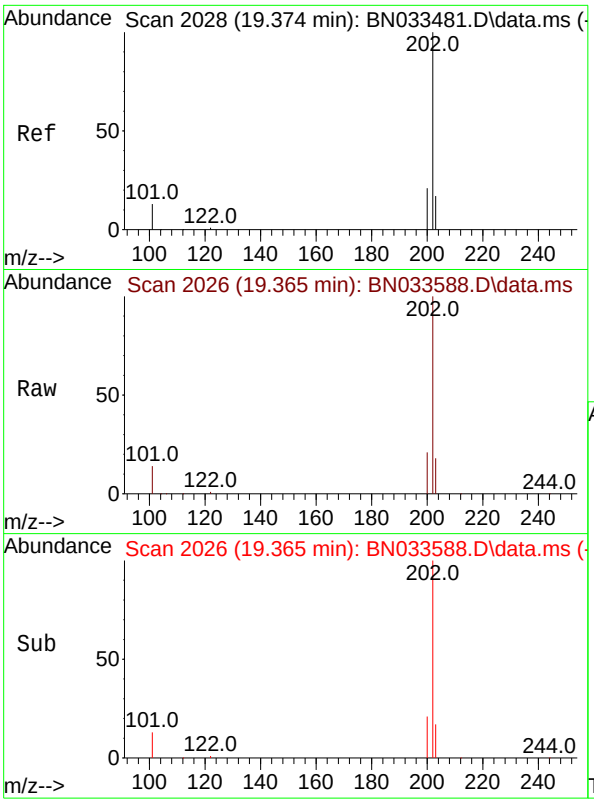


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:240 Resp: 15776

Ion	Ratio	Lower	Upper
240	100		
120	19.2	12.4	18.6#
236	30.1	23.0	34.6



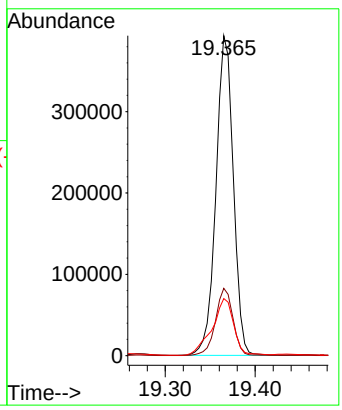


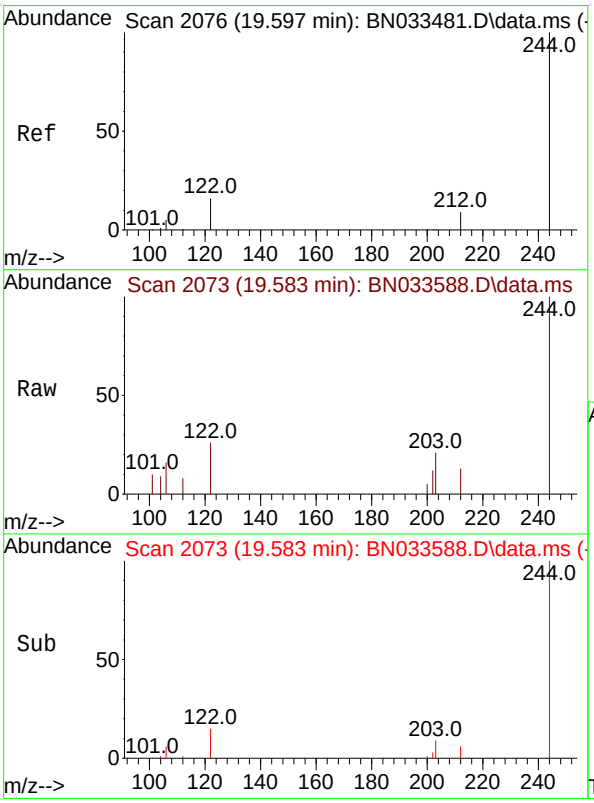
#30
Pyrene
Concen: 7.472 ng
RT: 19.365 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:202 Resp: 526102

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	22.1	14.2	21.4#

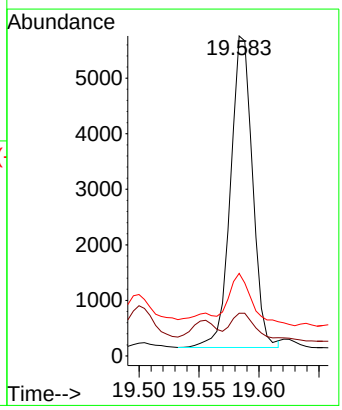


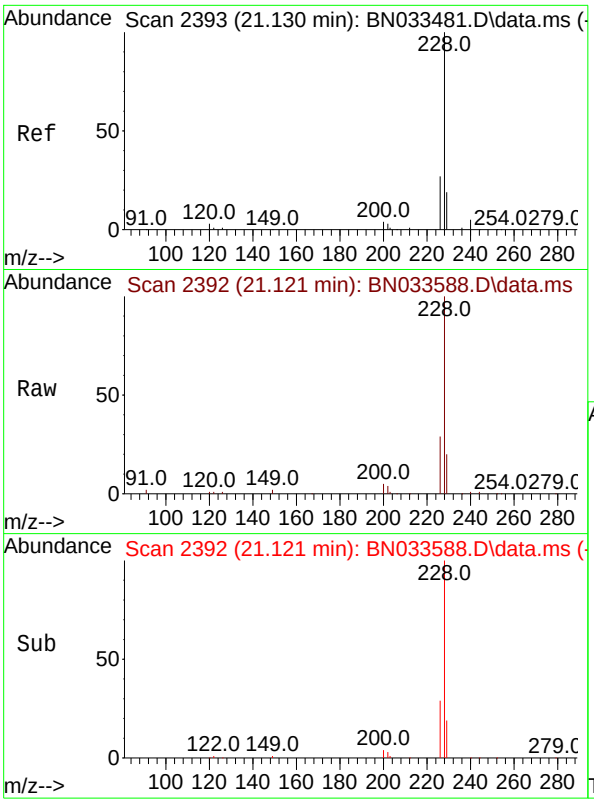


#31
Terphenyl-d14
Concen: 0.199 ng
RT: 19.583 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:244 Resp: 7148

Ion	Ratio	Lower	Upper
244	100		
212	13.3	7.8	11.6#
122	25.8	13.3	19.9#



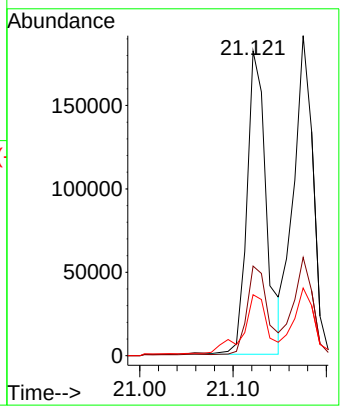


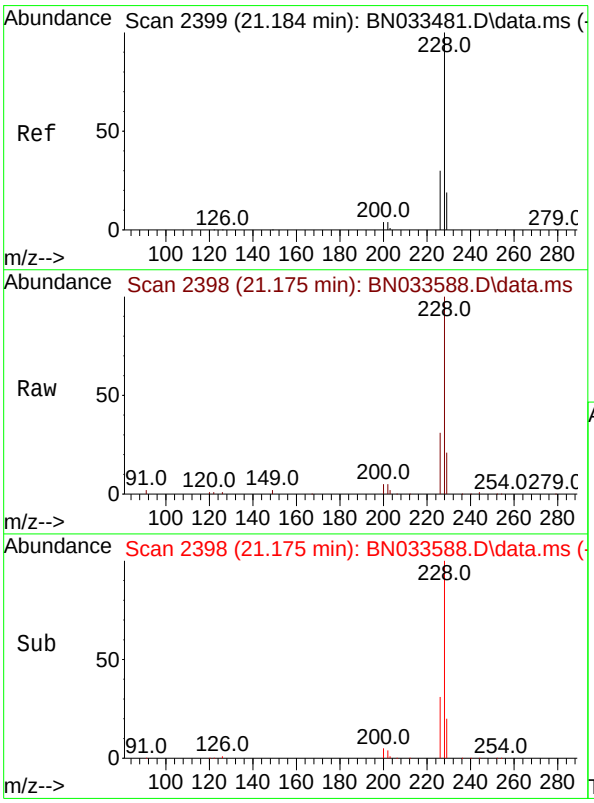
#32
Benzo(a)anthracene
Concen: 4.594 ng
RT: 21.121 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:228 Resp: 262001

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.8	32.6
229	20.0	15.8	23.6

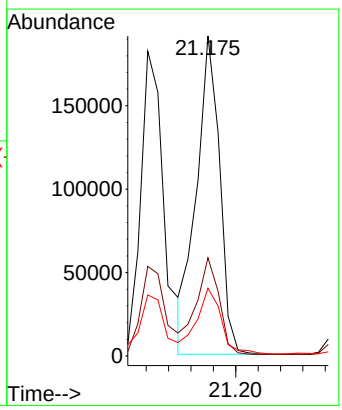


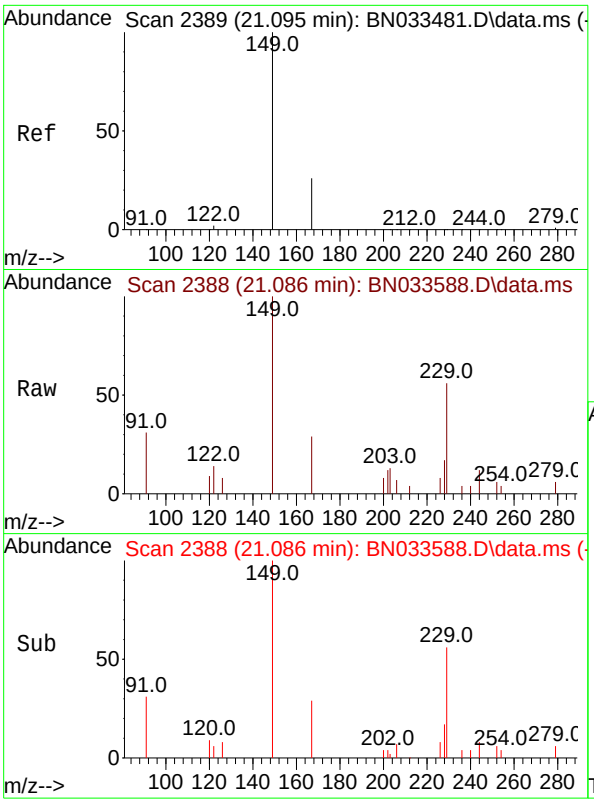


#33
Chrysene
Concen: 4.848 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:228 Resp: 274866

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	21.2	15.6	23.4



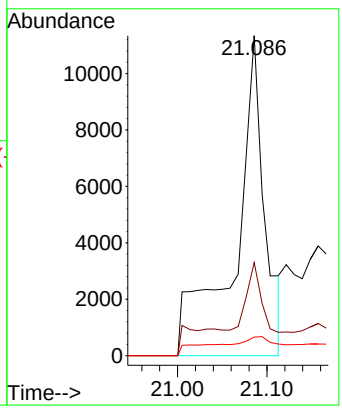


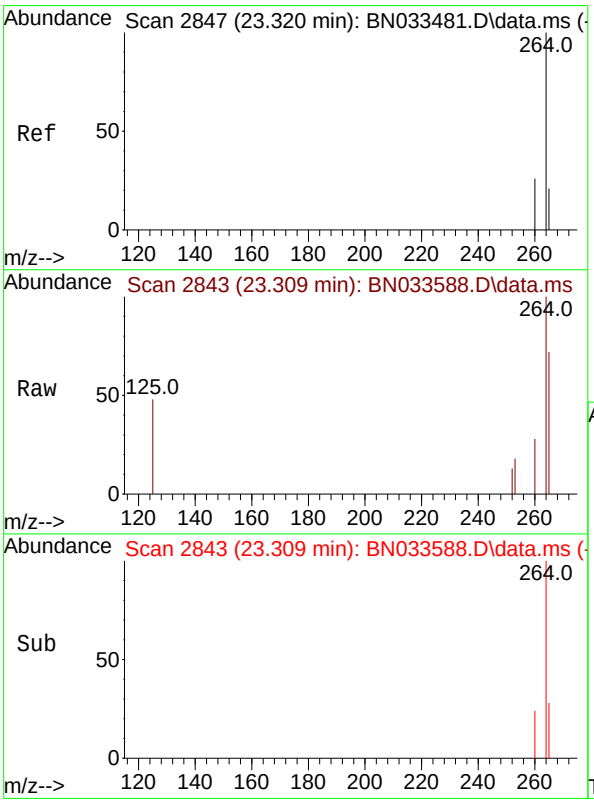
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.701 ng
RT: 21.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:149 Resp: 25327

Ion	Ratio	Lower	Upper
149	100		
167	15.7	21.5	32.3#
279	12.8	2.2	3.2#

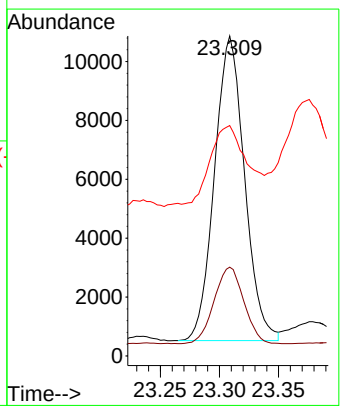


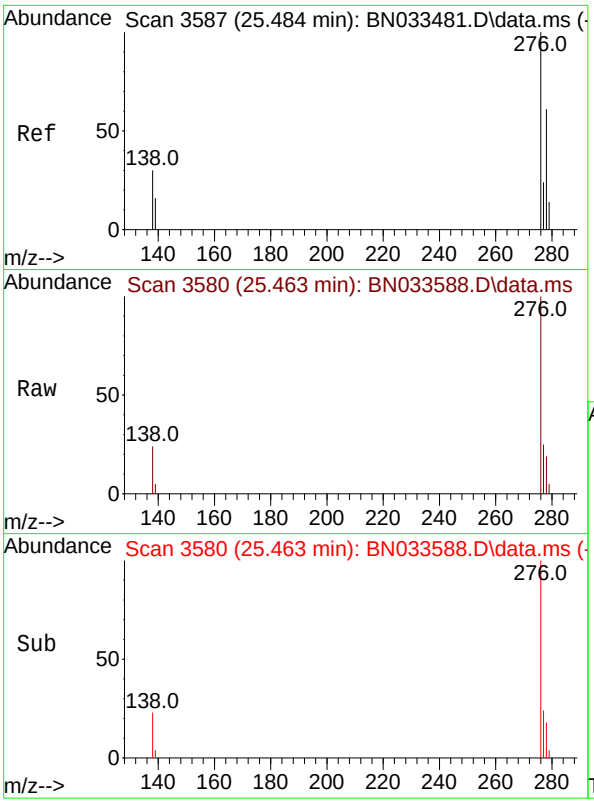


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:264 Resp: 18255

Ion	Ratio	Lower	Upper
264	100		
260	27.7	20.8	31.2
265	72.0	52.2	78.2



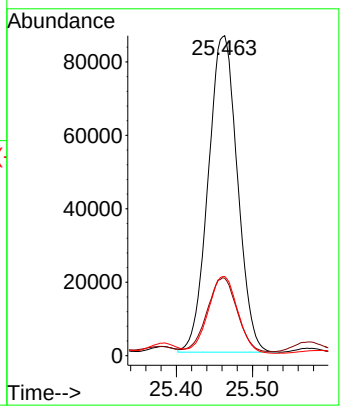


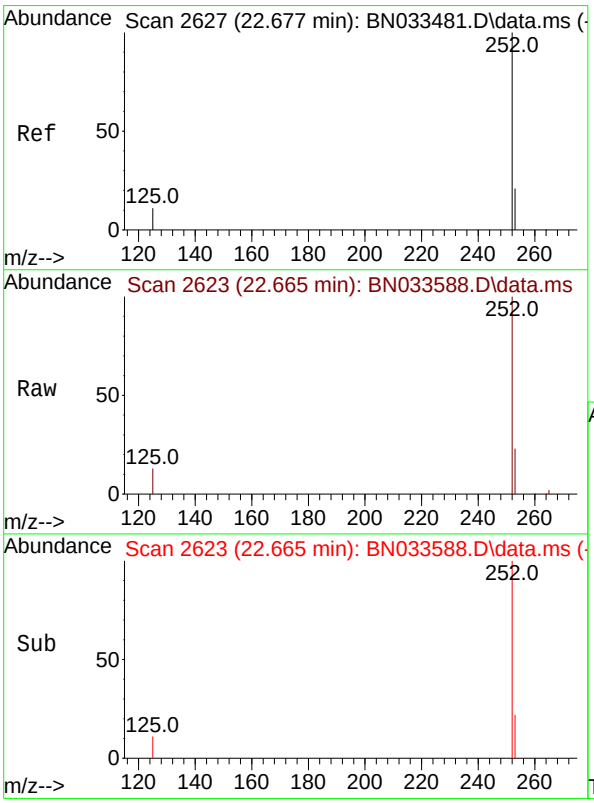
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.032 ng
RT: 25.463 min Scan# 3
Delta R.T. 0.015 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:276 Resp: 229765

Ion	Ratio	Lower	Upper
276	100		
138	23.8	24.4	36.6#
277	24.4	19.8	29.6

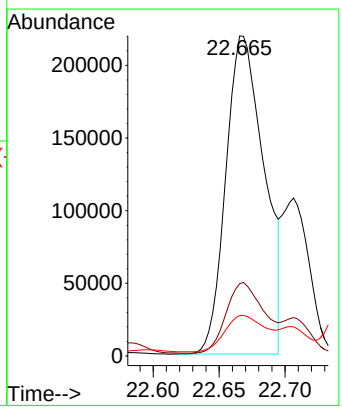


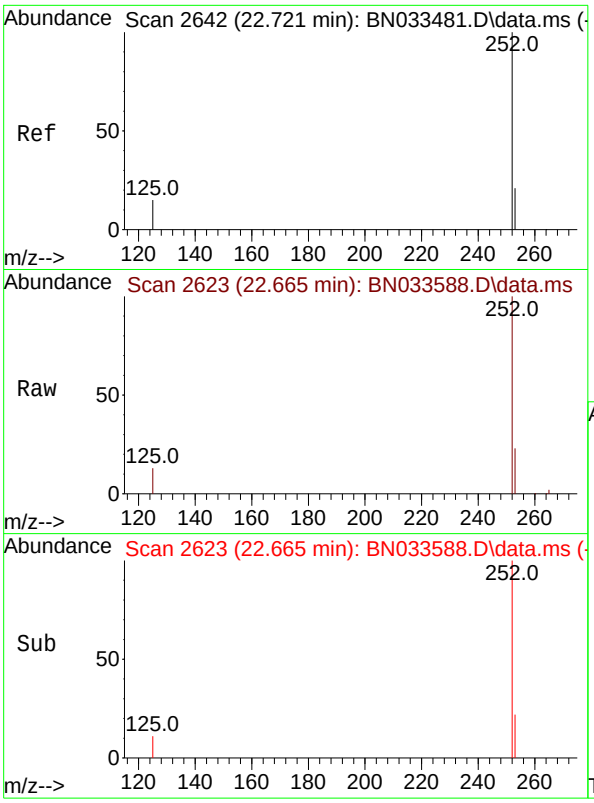


#37
Benzo(b)fluoranthene
Concen: 6.497 ng
RT: 22.665 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:252 Resp: 442931

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.8	29.8
125	12.6	13.9	20.9#



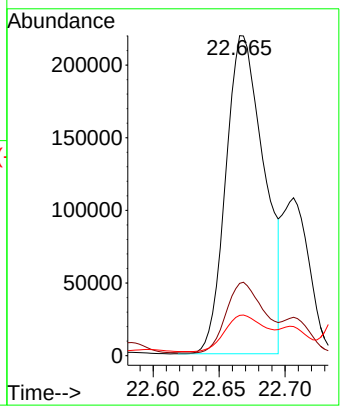


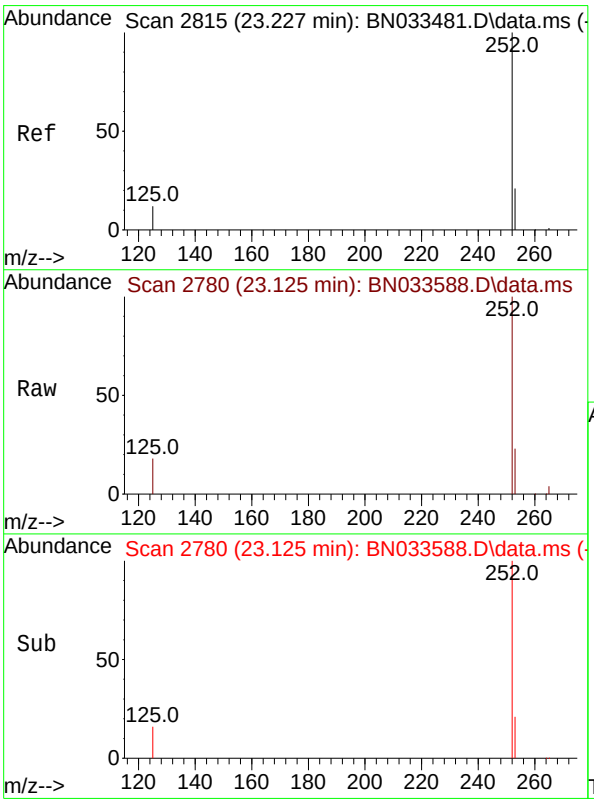
#38
Benzo(k)fluoranthene
Concen: 6.601 ng
RT: 22.665 min Scan# 2
Delta R.T. -0.038 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:252 Resp: 442931

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.8	29.8
125	12.6	15.8	23.8#

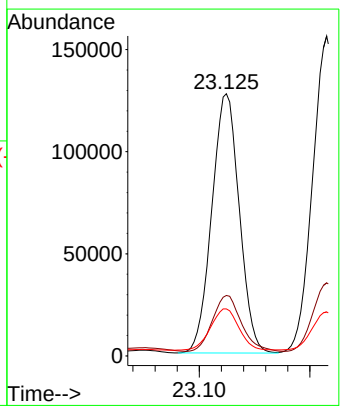


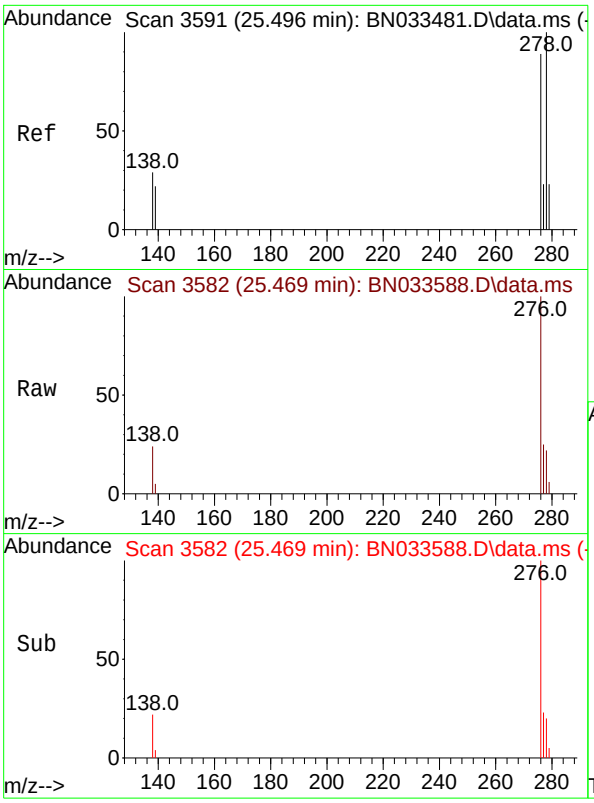


#39
Benzo(a)pyrene
Concen: 3.886 ng
RT: 23.125 min Scan# 2780
Delta R.T. -0.085 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:252 Resp: 219209

Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.5	32.3
125	18.0	17.0	25.4



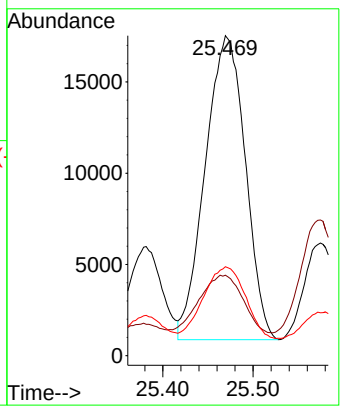


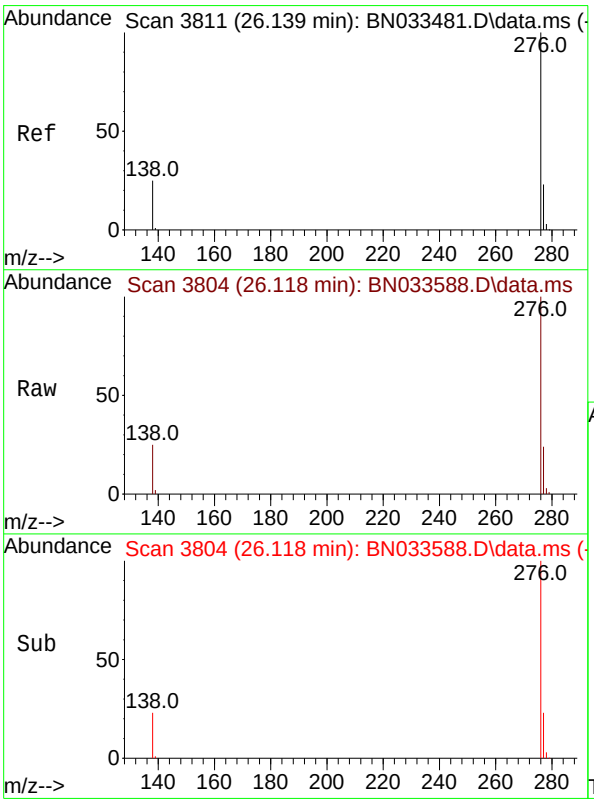
#40
Dibenzo(a,h)anthracene
Concen: 0.850 ng
RT: 25.469 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Instrument :
BNA_N
ClientSampleId :
S-908-K1-0.5-1.0-081524

Tgt Ion:278 Resp: 51502

Ion	Ratio	Lower	Upper
278	100		
139	25.1	19.1	28.7
279	27.8	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 3.537 ng
RT: 26.118 min Scan# 3804
Delta R.T. 0.015 min
Lab File: BN033588.D
Acq: 23 Aug 2024 14:10

Tgt Ion:276 Resp: 229194

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	24.8	21.8	32.6