Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
Data File : BN033627.D
Acq On : 26 Aug 2024 18:08
Operator : MA/JU
Sample : P3660-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Quant Time: Aug 26 18:33:37 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	7.537	152	6159	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	17295	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	8806	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18608	0.400	ng	0.00
29) Chrysene-d12	21.139	240	16818	0.400	ng	# 0.00
35) Perylene-d12	23.302	264	16722	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	704	0.036	ng	0.00
5) Phenol-d6	6.728	99	912	0.039	ng	0.00
8) Nitrobenzene-d5	8.670	82	705	0.049	ng	-0.01
11) 2-Methylnaphthalene-d10	11.899	152	948	0.038	ng	0.00
14) 2,4,6-Tribromophenol	15.675	330	186	0.039	ng	0.00
15) 2-Fluorobiphenyl	12.788	172	1185	0.033	ng	-0.01
27) Fluoranthene-d10	18.965	212	1219	0.027	ng	0.00
31) Terphenyl-d14	19.583	244	837	0.022	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	1027	0.125	ng	# 1
6) bis(2-Chloroethyl)ether	6.988	93	25602	1.551	ng	# 22
9) Naphthalene	10.346	128	2716	0.059	ng	# 91
12) 2-Methylnaphthalene	11.971	142	843	0.029	ng	# 88
16) Acenaphthylene	13.889	152	1851	0.048	ng	96
17) Acenaphthene	14.242	154	4238	0.156	ng	98
18) Fluorene	15.225	166	6031	0.176	ng	98
25) Phenanthrene	16.966	178	92348	1.784	ng	99
26) Anthracene	17.053	178	21105	0.461	ng	97
28) Fluoranthene	18.998	202	174781	3.055	ng	99
30) Pyrene	19.360	202	146808	1.956	ng	# 94
32) Benzo(a)anthracene	21.121	228	80028	1.316	ng	98
33) Chrysene	21.175	228	78466	1.298	ng	97
34) Bis(2-ethylhexyl)phtha...	21.076	149	20644	0.536	ng	# 77
36) Indeno(1,2,3-cd)pyrene	25.448	276	45239	0.652	ng	# 93
37) Benzo(b)fluoranthene	22.659	252	104124	1.667	ng	96
38) Benzo(k)fluoranthene	22.659	252	104124	1.694	ng	# 94
39) Benzo(a)pyrene	23.118	252	51347	0.994	ng	96
40) Dibenzo(a,h)anthracene	25.457	278	10966	0.198	ng	# 87
41) Benzo(g,h,i)perylene	26.103	276	44204	0.745	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
Data File : BN033627.D
Acq On : 26 Aug 2024 18:08
Operator : MA/JU
Sample : P3660-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Quant Time: Aug 26 18:33:37 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
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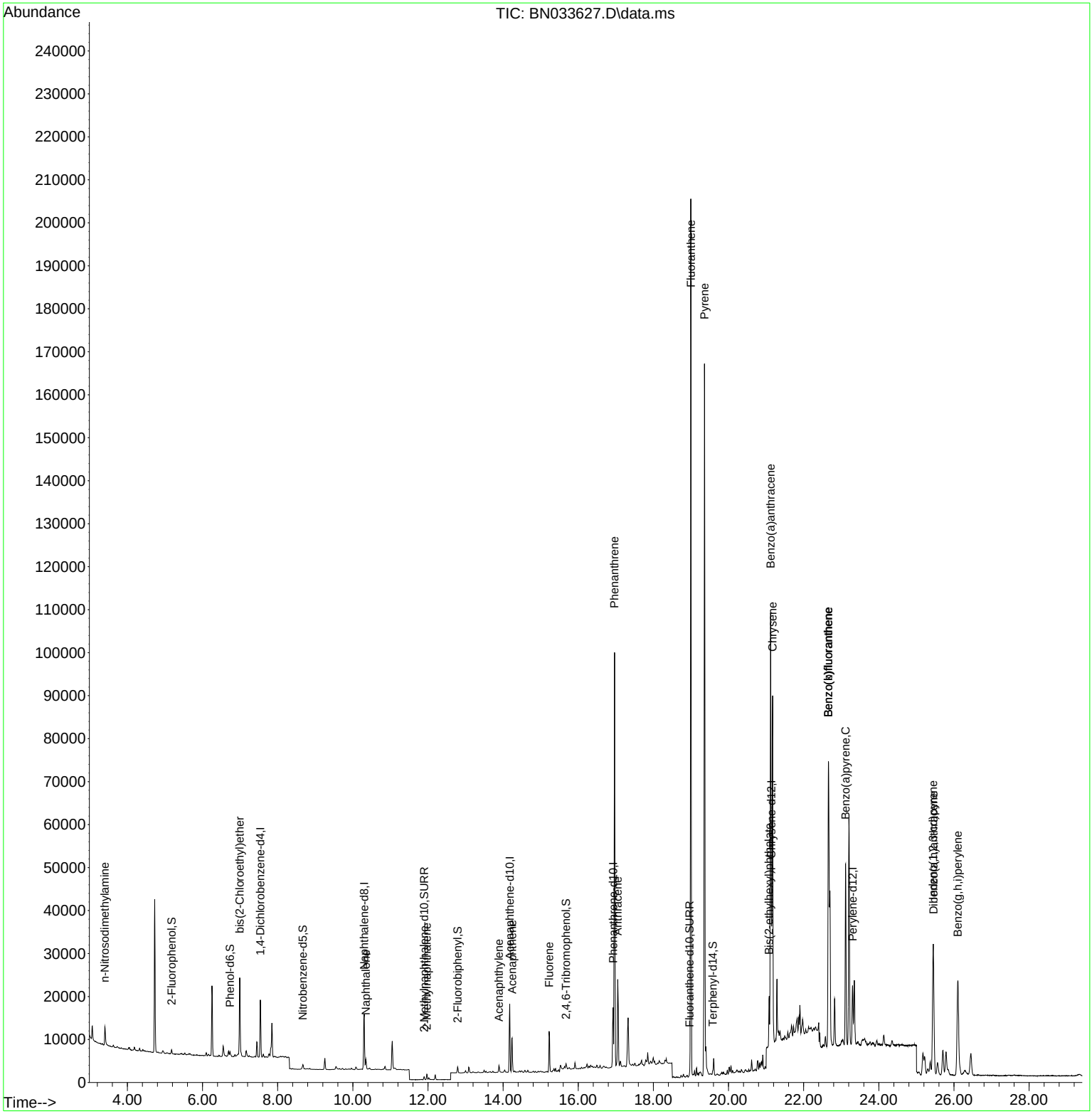
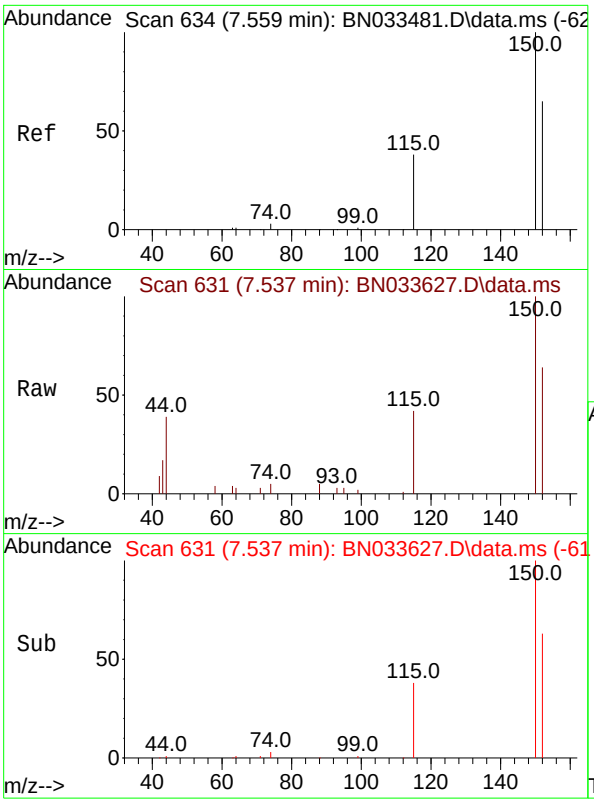


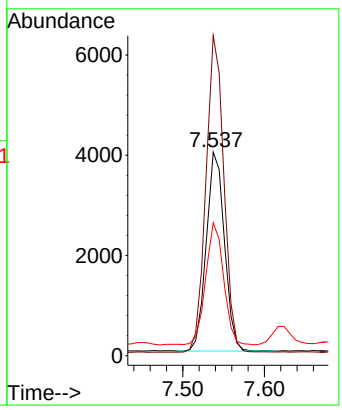


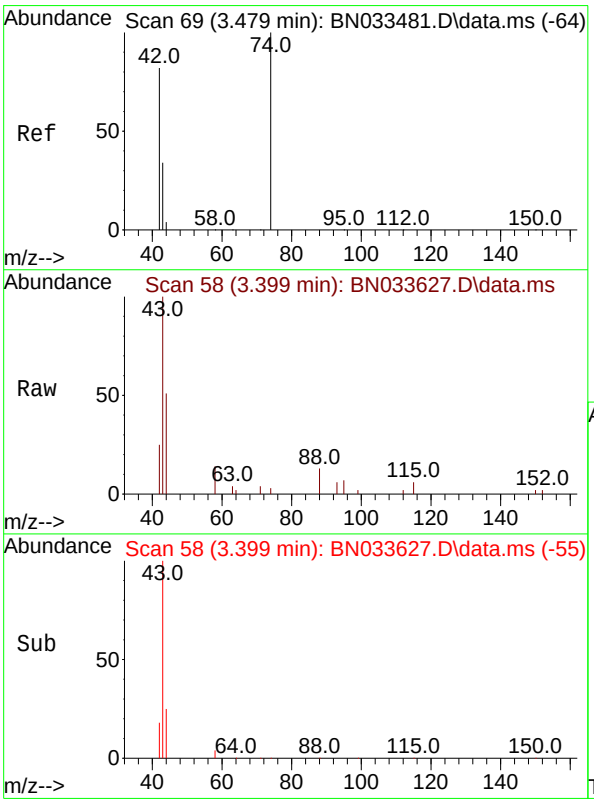
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.537 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:152 Resp: 6159

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.2	183.2
115	65.3	47.2	70.8

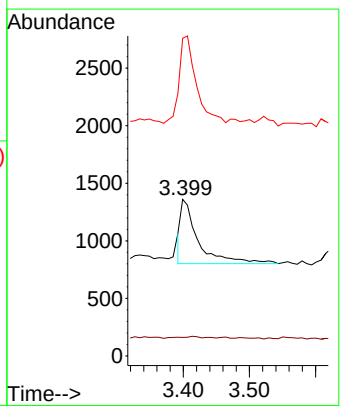


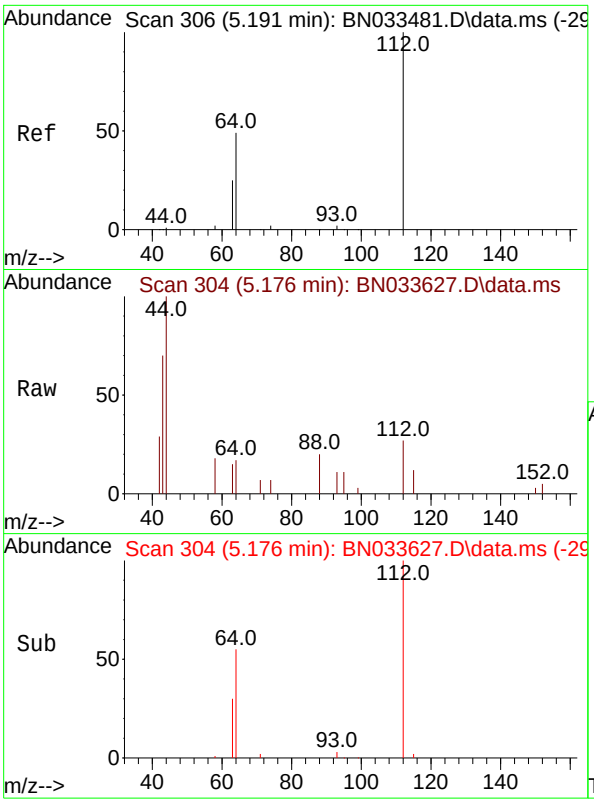


#3
n-Nitrosodimethylamine
Concen: 0.125 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion: 42 Resp: 1027

Ion	Ratio	Lower	Upper
42	100		
74	0.6	100.2	150.2#
44	114.9	5.3	7.9#



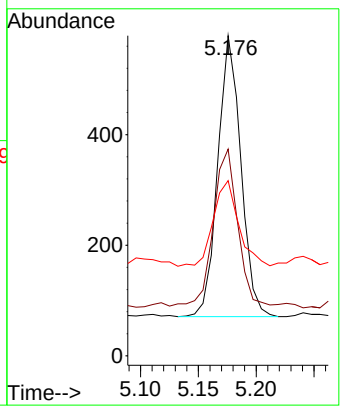


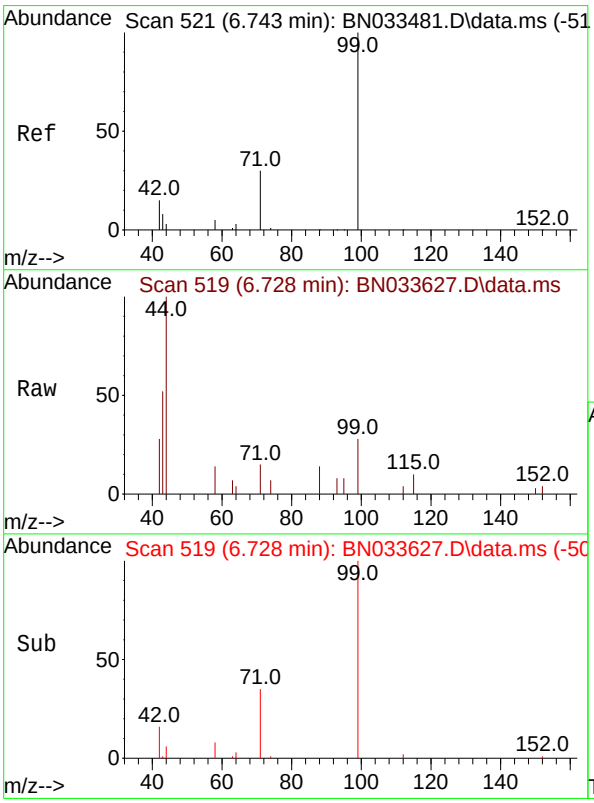
#4
2-Fluorophenol
Concen: 0.036 ng
RT: 5.176 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:112 Resp: 704

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.1	70.7
63	33.2	24.9	37.3

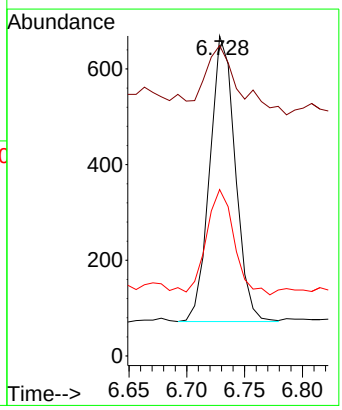


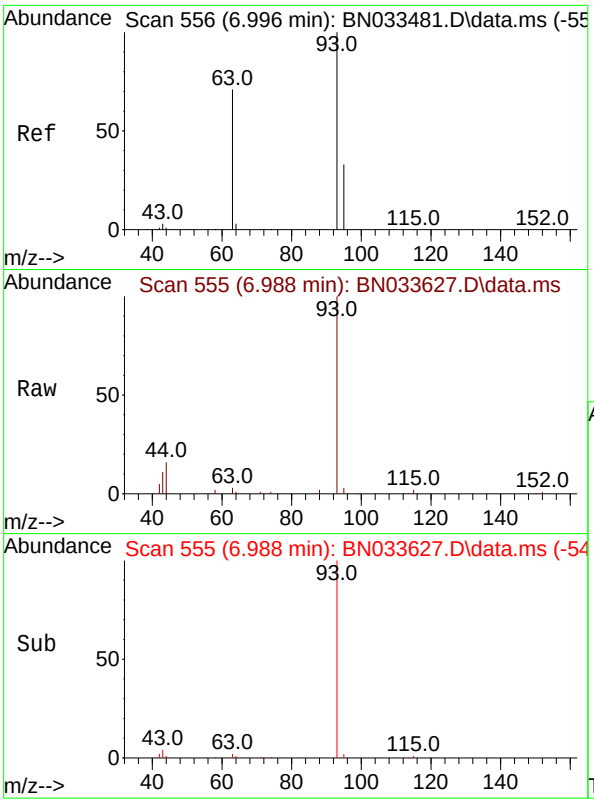


#5
Phenol-d6
Concen: 0.039 ng
RT: 6.728 min Scan# 519
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion: 99 Resp: 912

Ion	Ratio	Lower	Upper
99	100		
42	32.2	16.6	24.8#
71	39.9	26.2	39.4#



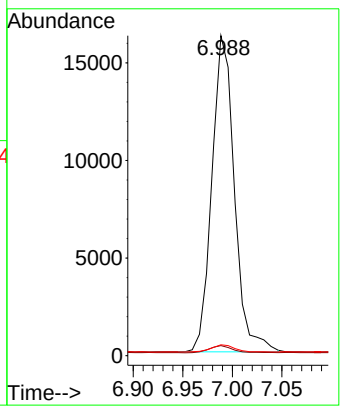


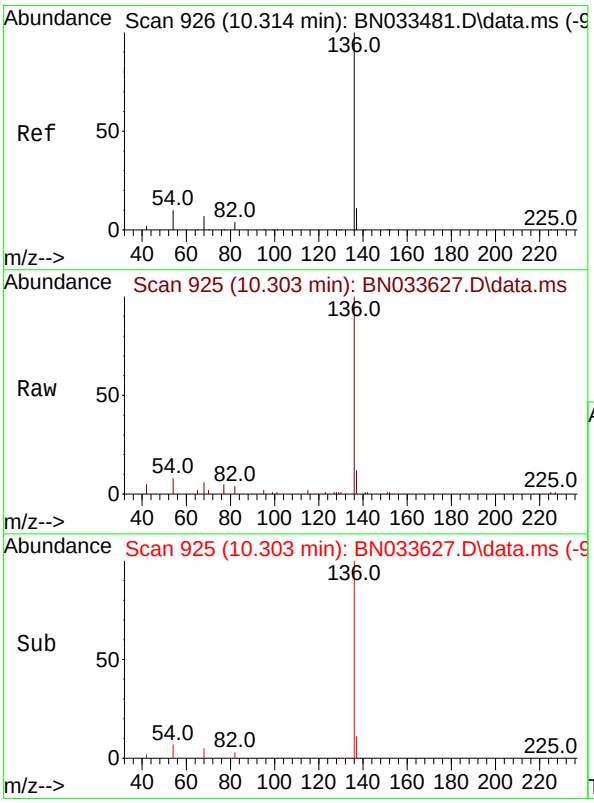
#6
bis(2-Chloroethyl)ether
Concen: 1.551 ng
RT: 6.988 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion: 93 Resp: 25602

Ion	Ratio	Lower	Upper
93	100		
63	2.3	63.0	94.4#
95	2.3	26.0	39.0#

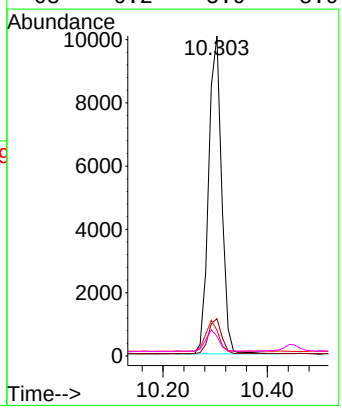


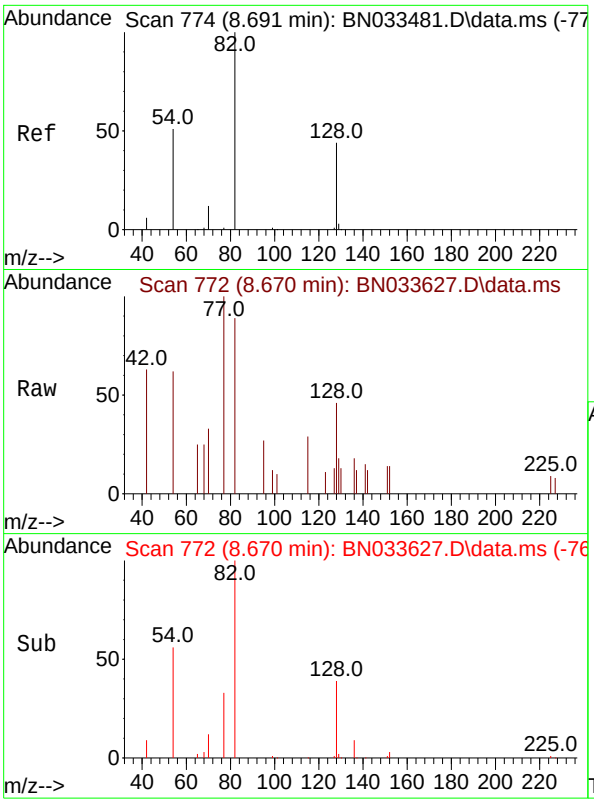


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.303 min Scan# 925
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:136 Resp: 17295

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	8.1	8.3	12.5#
68	6.2	5.9	8.9



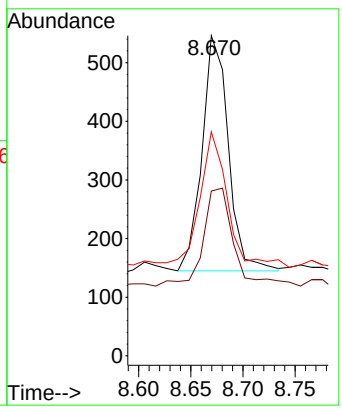


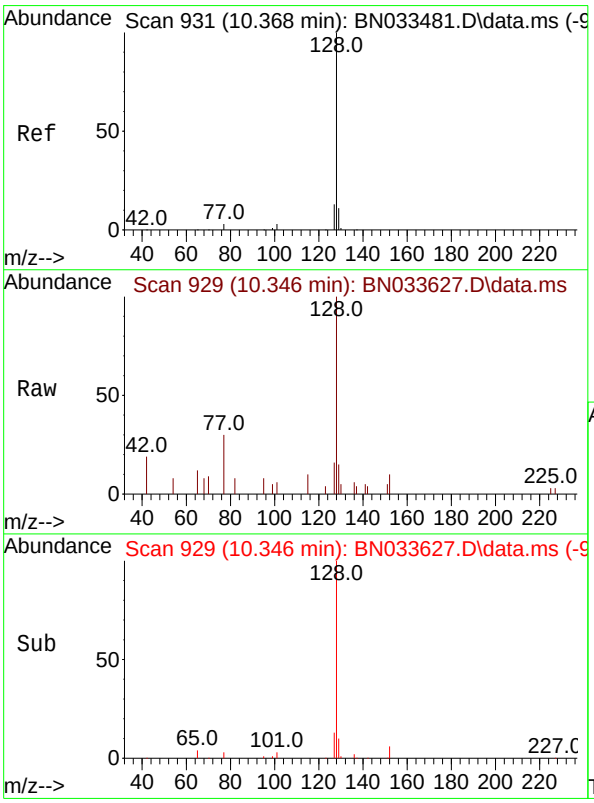
#8
Nitrobenzene-d5
Concen: 0.049 ng
RT: 8.670 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion: 82 Resp: 705

Ion	Ratio	Lower	Upper
82	100		
128	51.5	36.0	54.0
54	70.0	42.0	63.0#

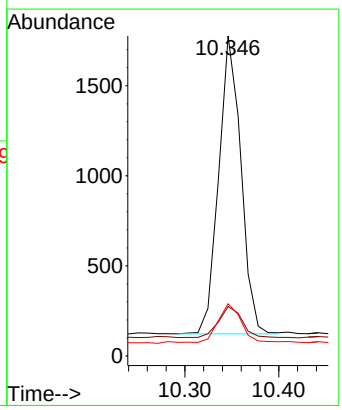


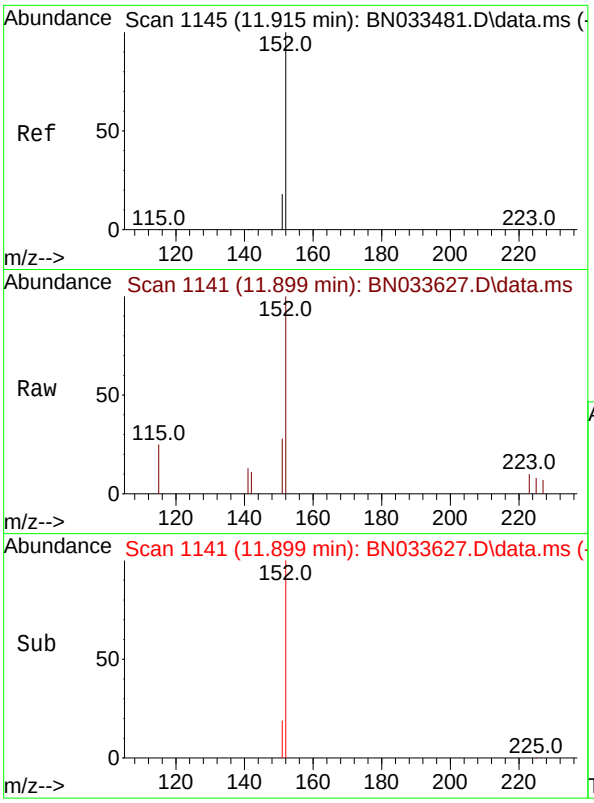


#9
Naphthalene
Concen: 0.059 ng
RT: 10.346 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:128 Resp: 2716

Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.1	13.7#
127	16.3	10.7	16.1#



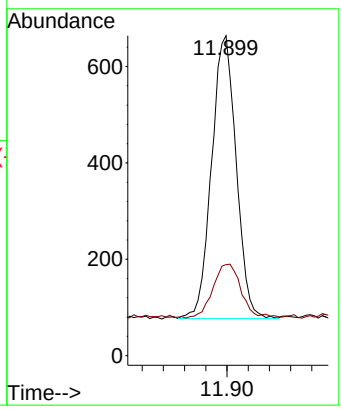


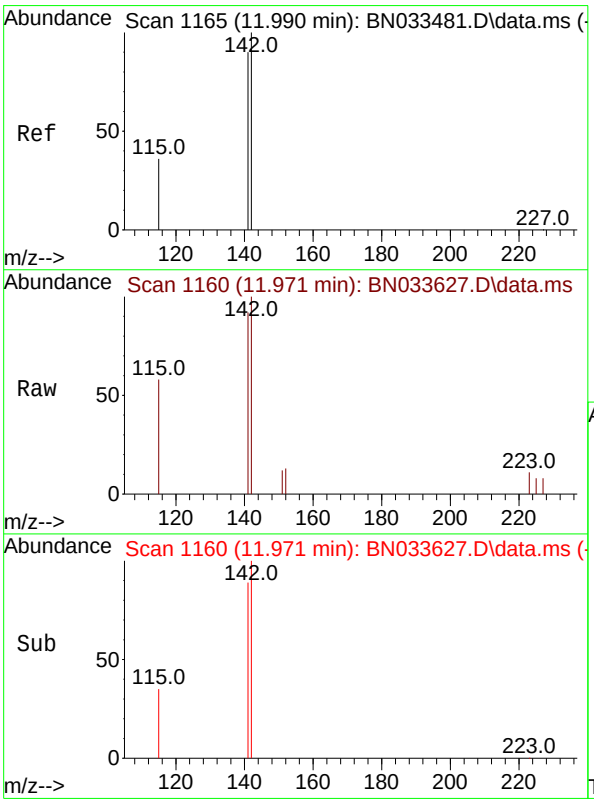
#11
2-Methylnaphthalene-d10
Concen: 0.038 ng
RT: 11.899 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:152 Resp: 948

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.6	25.0

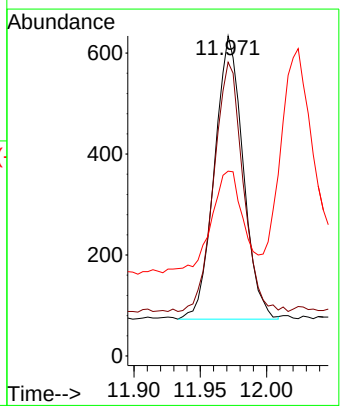


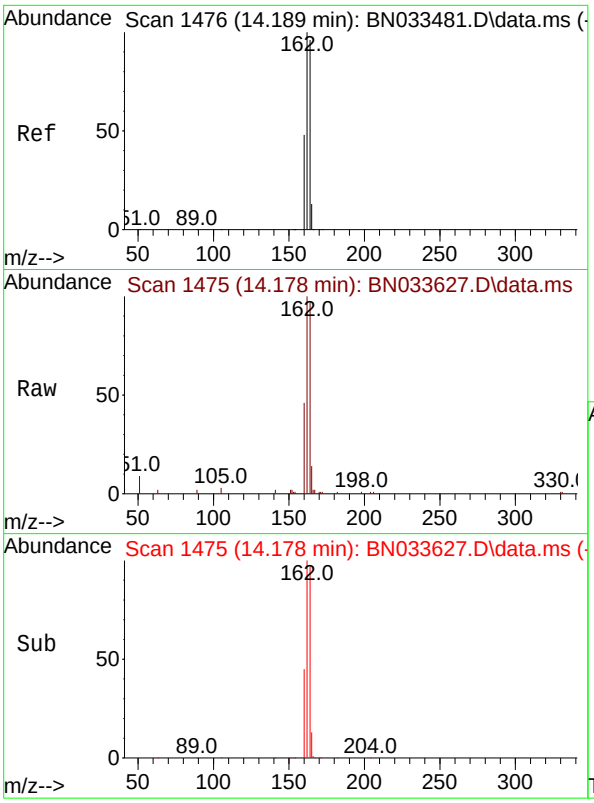


#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 11.971 min Scan# 1160
Delta R.T. -0.008 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:142 Resp: 843

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.7	107.5
115	57.7	29.4	44.2#



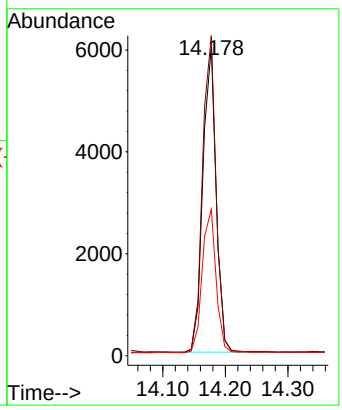


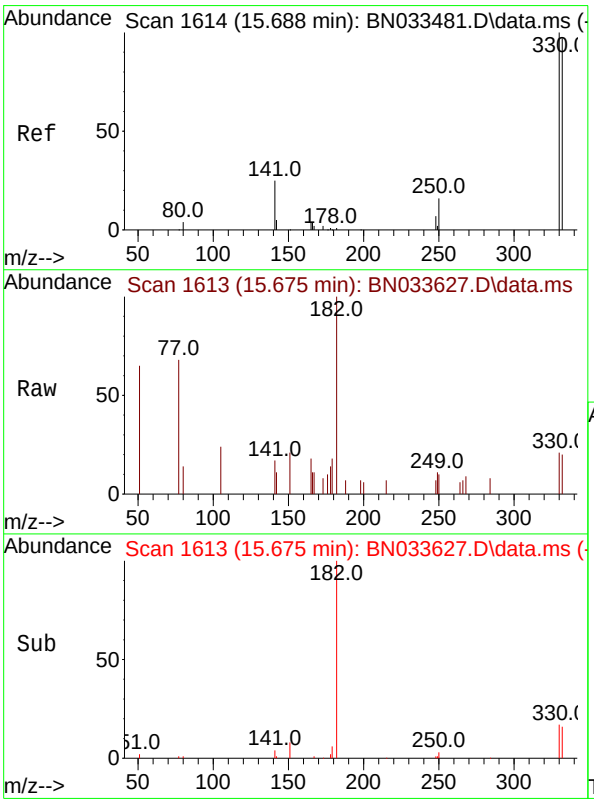
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:164 Resp: 8806

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.5	125.3
160	47.4	40.2	60.4

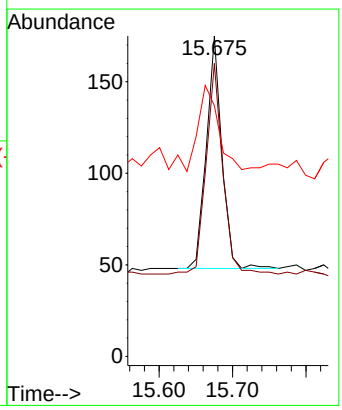


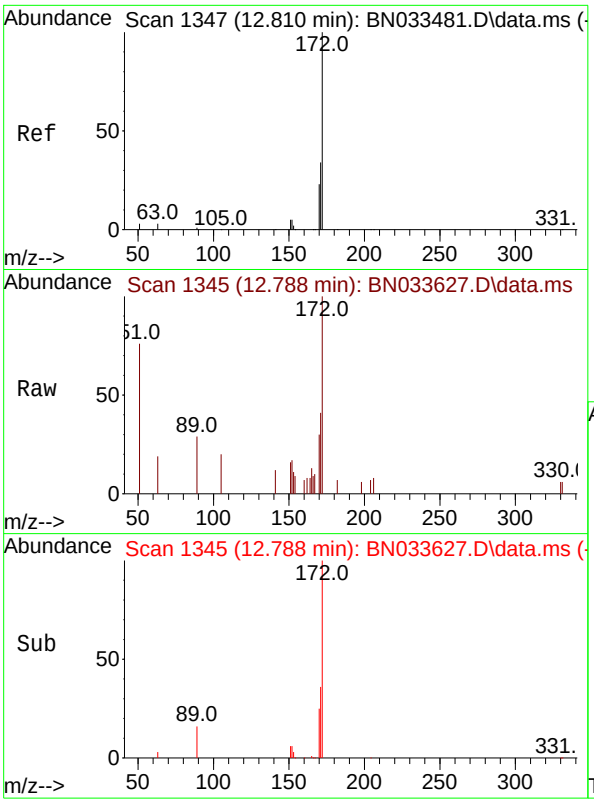


#14
2,4,6-Tribromophenol
Concen: 0.039 ng
RT: 15.675 min Scan# 1613
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:330 Resp: 186

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.5	116.3
141	48.9	33.9	50.9



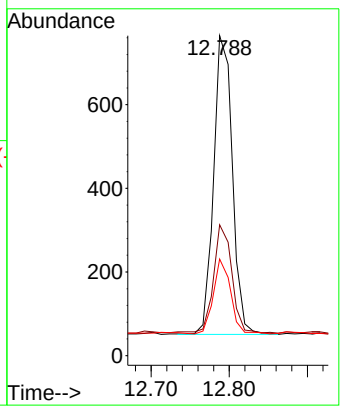


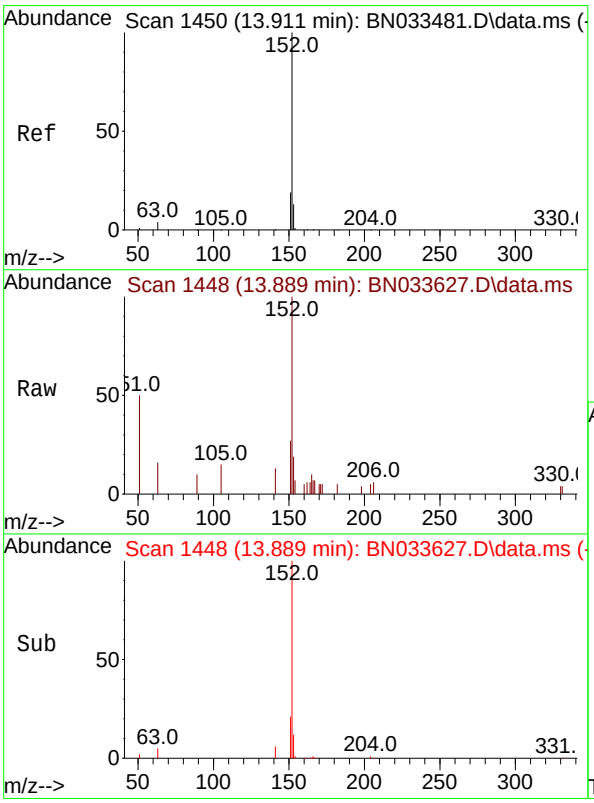
#15
2-Fluorobiphenyl
Concen: 0.033 ng
RT: 12.788 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:172 Resp: 1185

Ion	Ratio	Lower	Upper
172	100		
171	40.9	27.7	41.5
170	30.2	18.3	27.5#

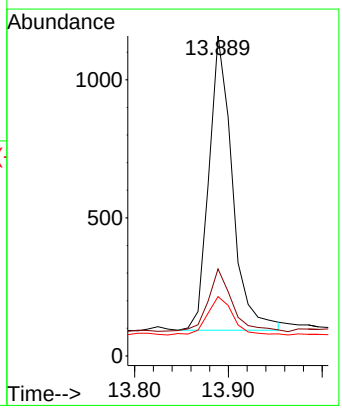


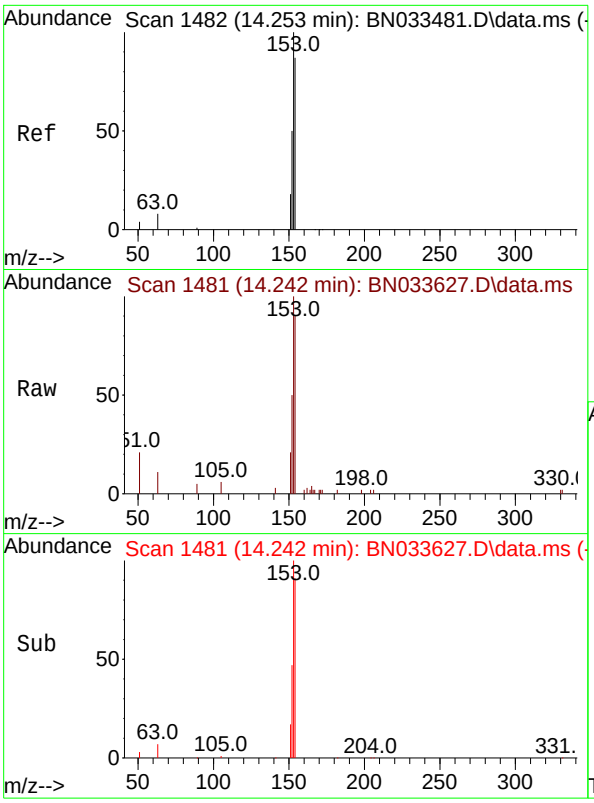


#16
Acenaphthylene
Concen: 0.048 ng
RT: 13.889 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:152 Resp: 1851

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	14.0	10.3	15.5



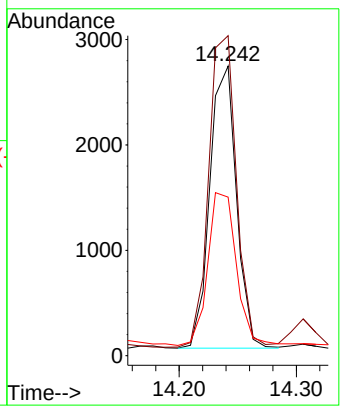


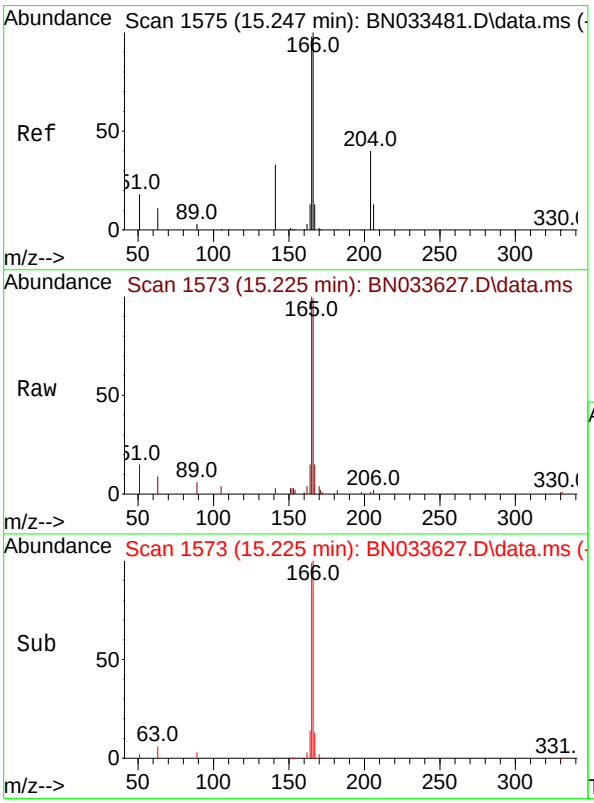
#17
Acenaphthene
Concen: 0.156 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:154 Resp: 4238

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.0	133.6
152	57.6	45.2	67.8

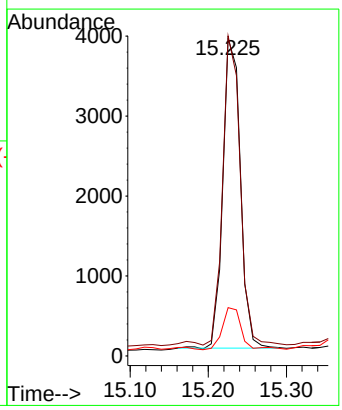


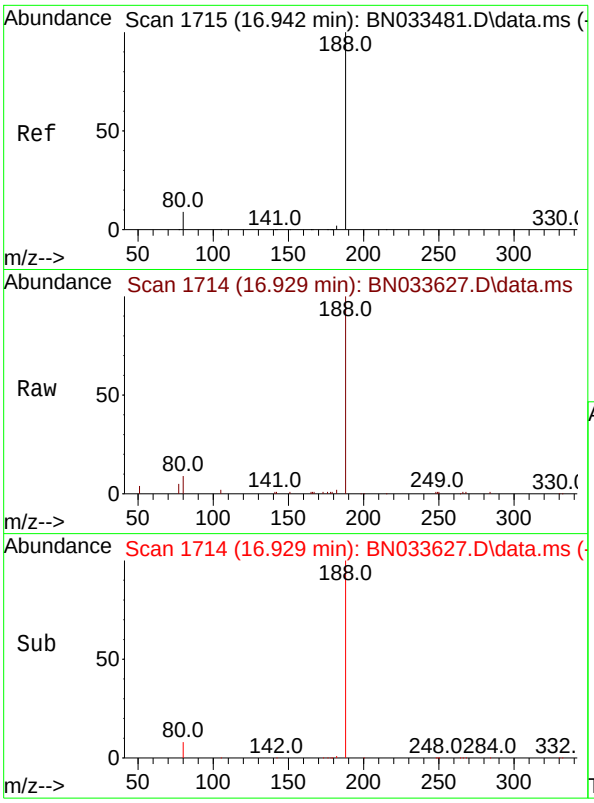


#18
Fluorene
Concen: 0.176 ng
RT: 15.225 min Scan# 1573
Delta R.T. -0.011 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:166 Resp: 6031

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	14.9	10.6	16.0



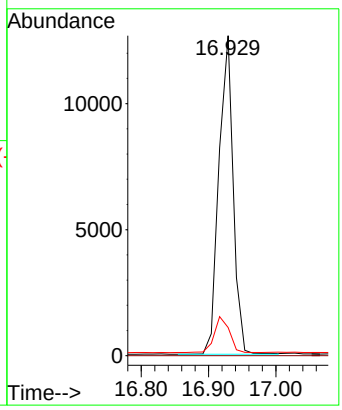


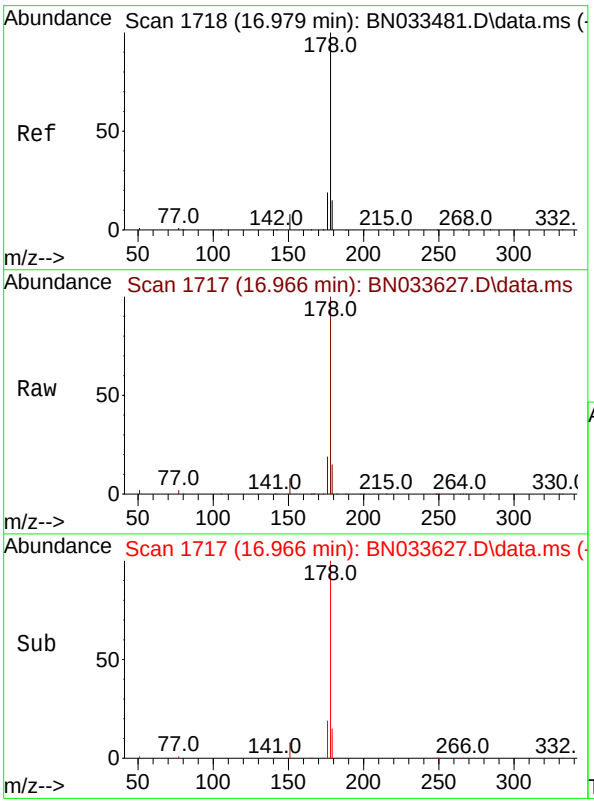
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:188 Resp: 18608

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.8	11.8

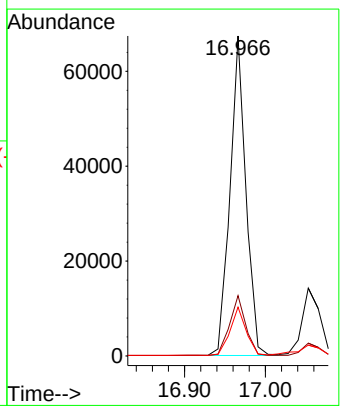


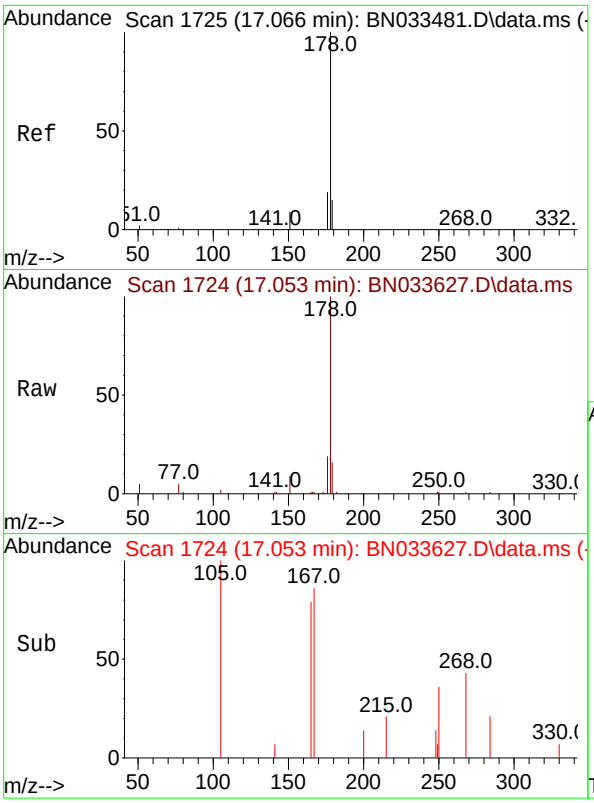


#25
Phenanthrene
Concen: 1.784 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:178 Resp: 92348

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.0	12.3	18.5



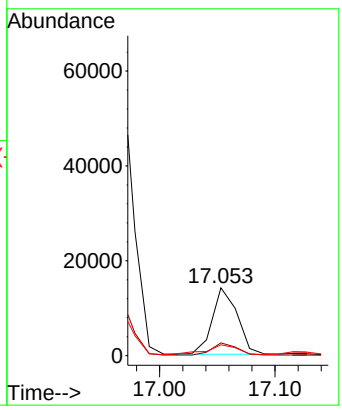


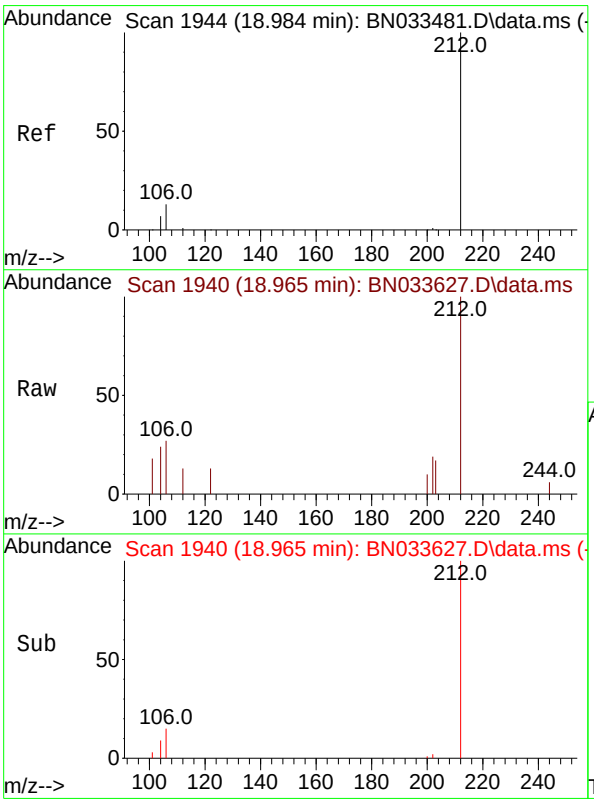
#26
Anthracene
Concen: 0.461 ng
RT: 17.053 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:178 Resp: 21105

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	18.6	12.4	18.6

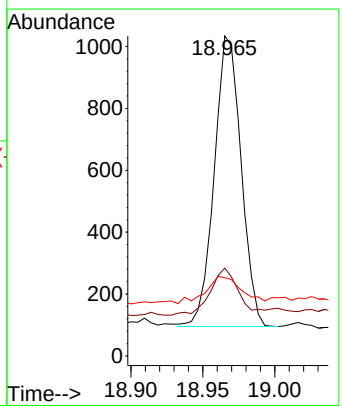


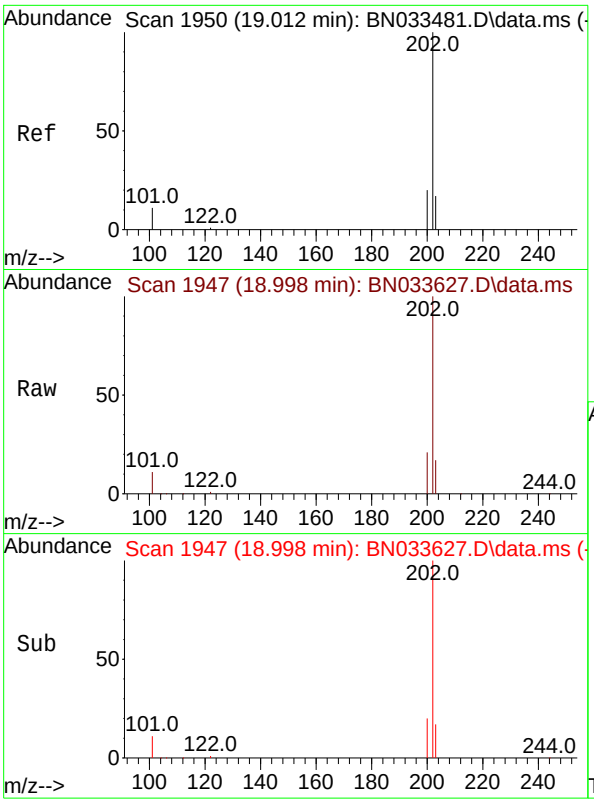


#27
Fluoranthene-d10
Concen: 0.027 ng
RT: 18.965 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:212 Resp: 1219

Ion	Ratio	Lower	Upper
212	100		
106	17.0	12.3	18.5
104	12.1	7.0	10.4#



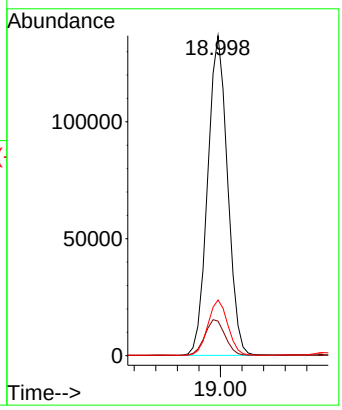


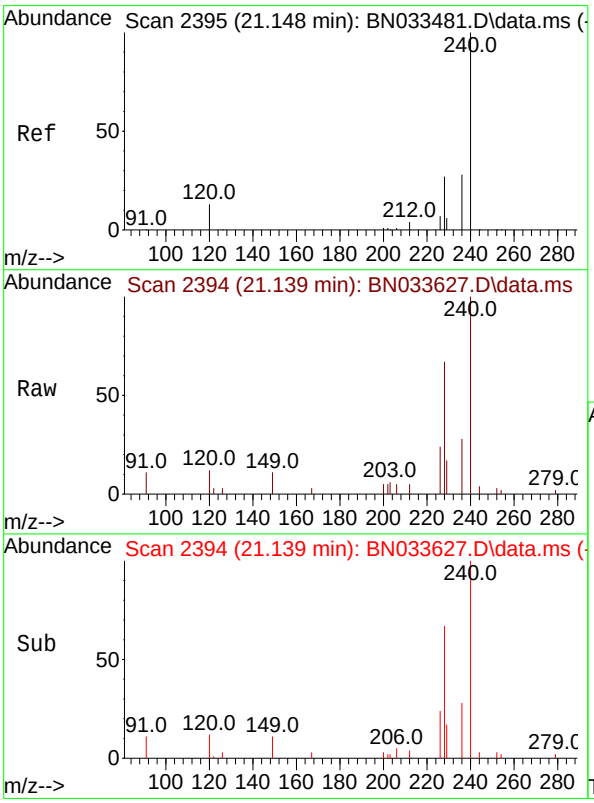
#28
Fluoranthene
Concen: 3.055 ng
RT: 18.998 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:202 Resp: 174781

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.5	14.3
203	17.3	13.8	20.6

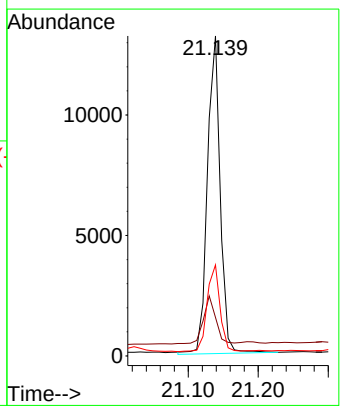


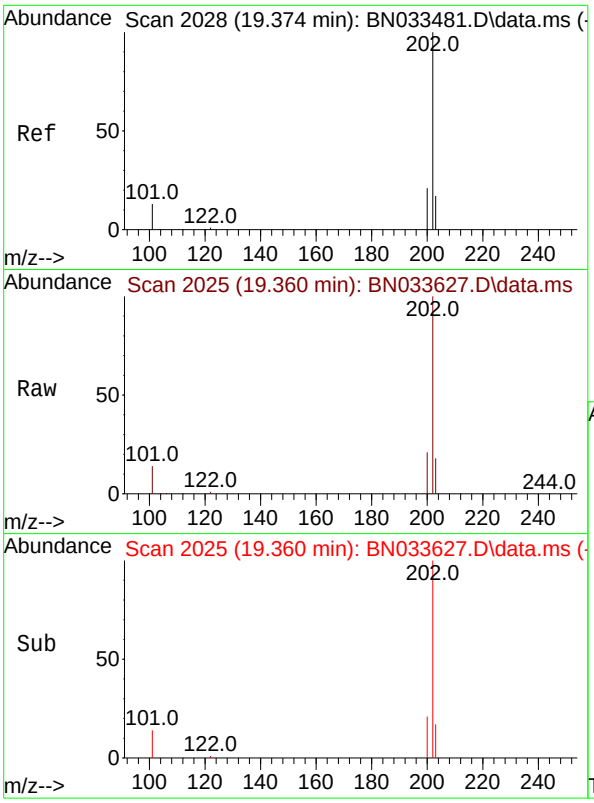


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:240 Resp: 16818

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.4	18.6#
236	28.5	23.0	34.6



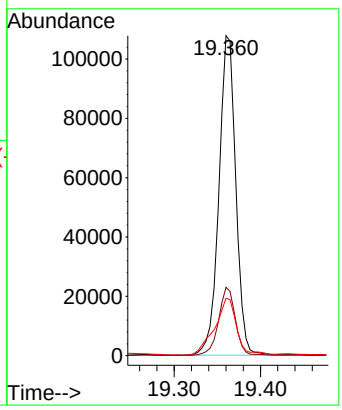


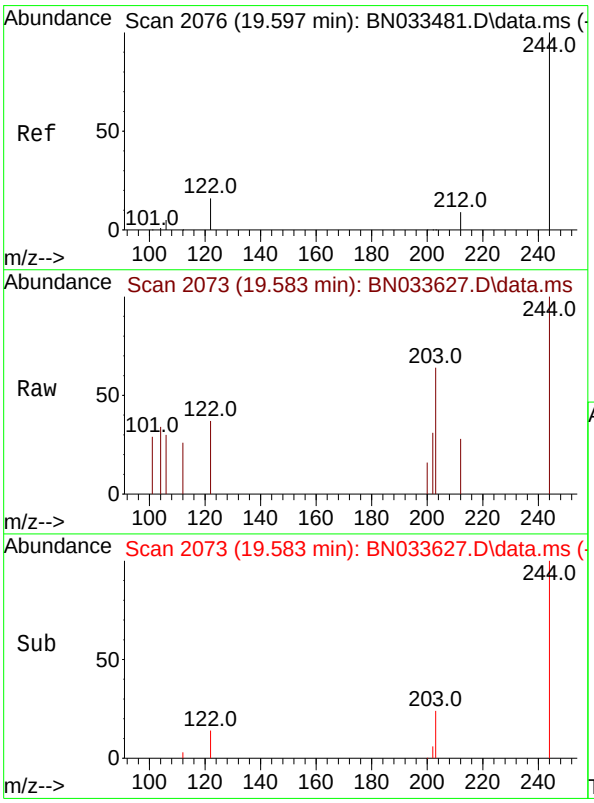
#30
Pyrene
Concen: 1.956 ng
RT: 19.360 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:202 Resp: 146808

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	22.8	14.2	21.4#

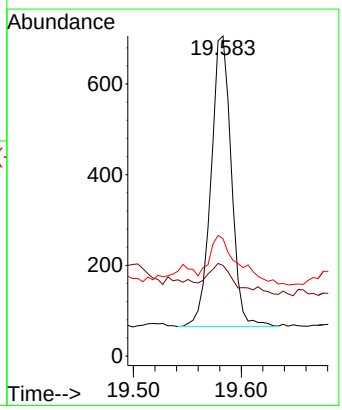


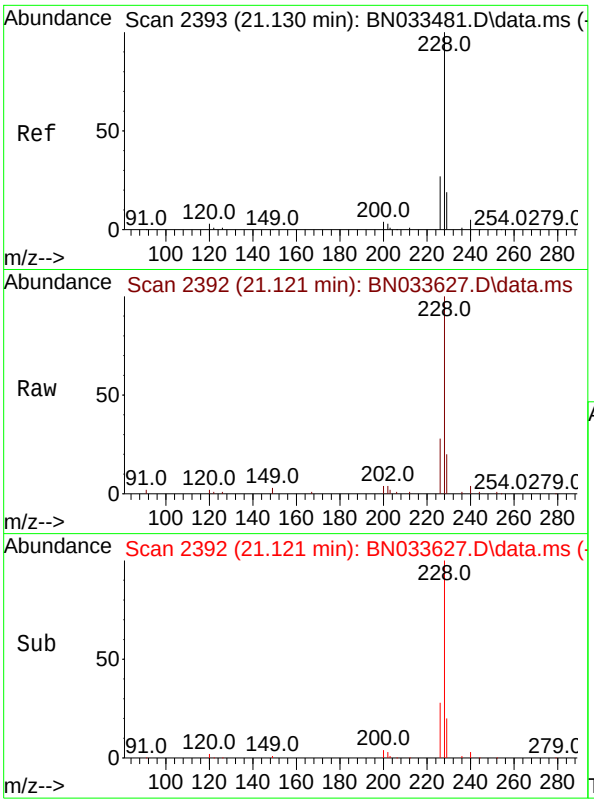


#31
Terphenyl-d14
Concen: 0.022 ng
RT: 19.583 min Scan# 2073
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:244 Resp: 837

Ion	Ratio	Lower	Upper
244	100		
212	28.3	7.8	11.6#
122	36.7	13.3	19.9#



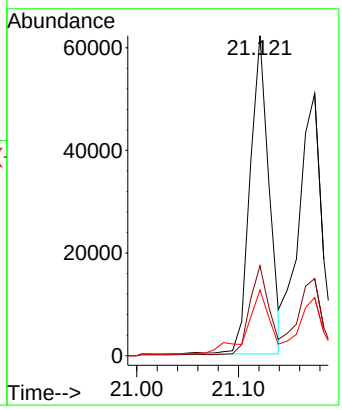


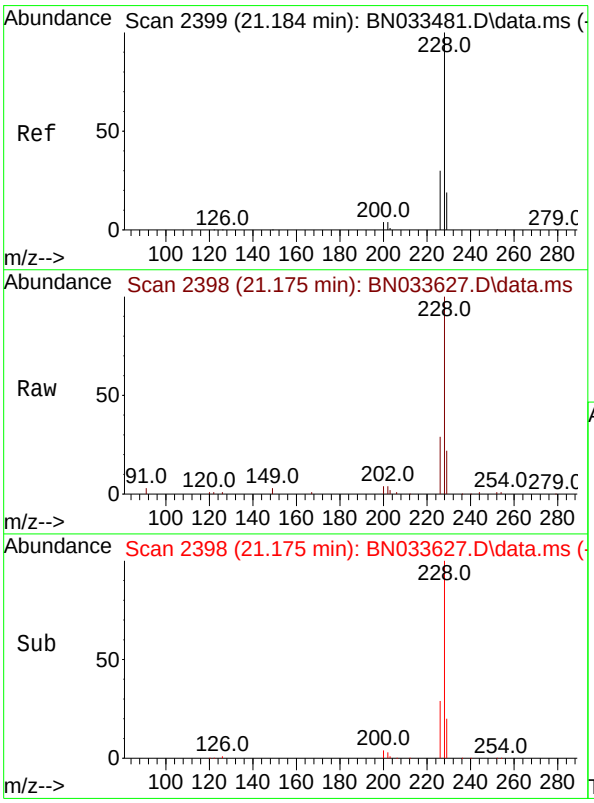
#32
Benzo(a)anthracene
Concen: 1.316 ng
RT: 21.121 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:228 Resp: 80028

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.6
229	20.5	15.8	23.6

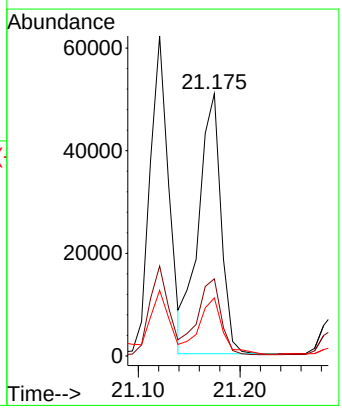


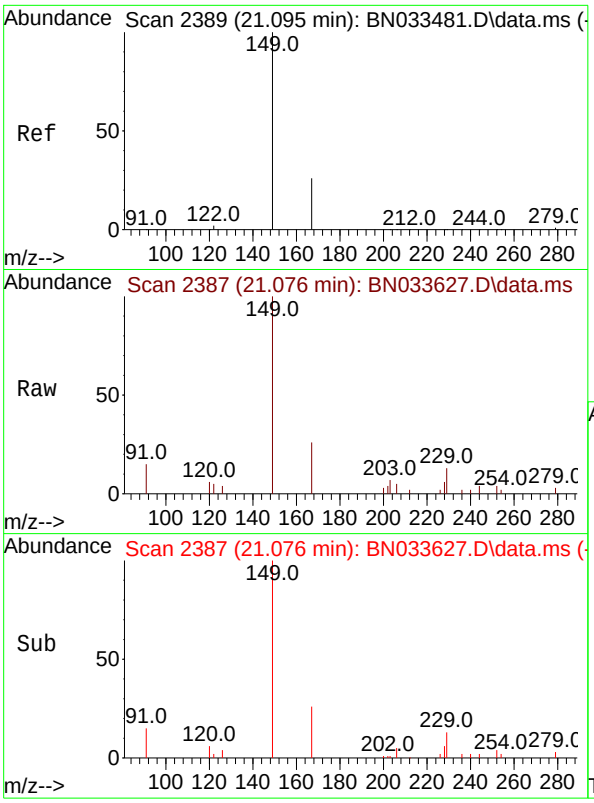


#33
Chrysene
Concen: 1.298 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:228 Resp: 78466

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	22.1	15.6	23.4



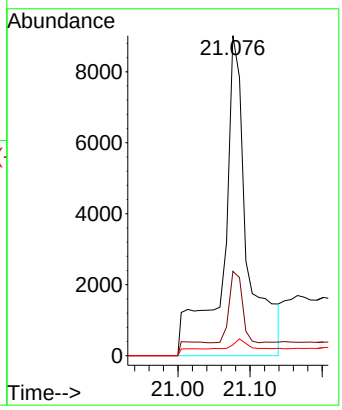


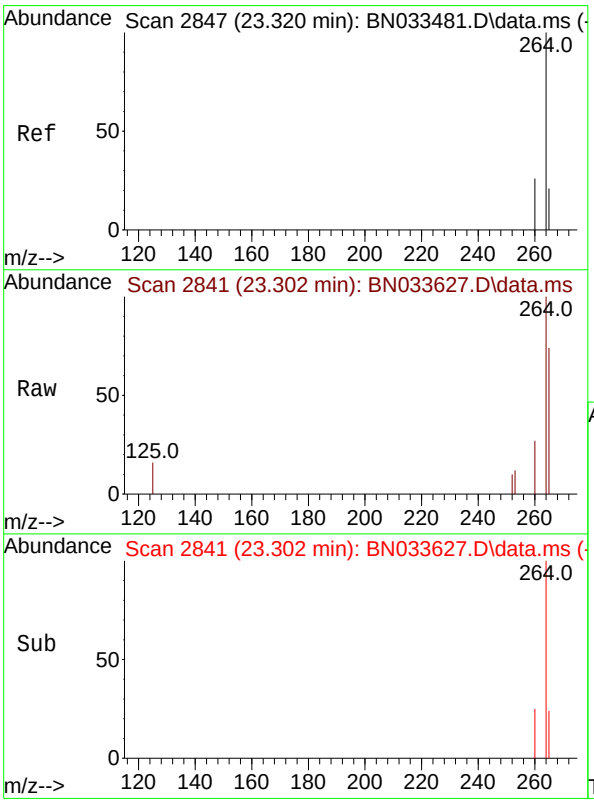
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.536 ng
RT: 21.076 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:149 Resp: 20644

Ion	Ratio	Lower	Upper
149	100		
167	14.8	21.5	32.3#
279	9.9	2.2	3.2#

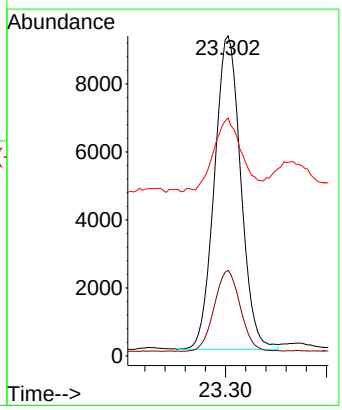


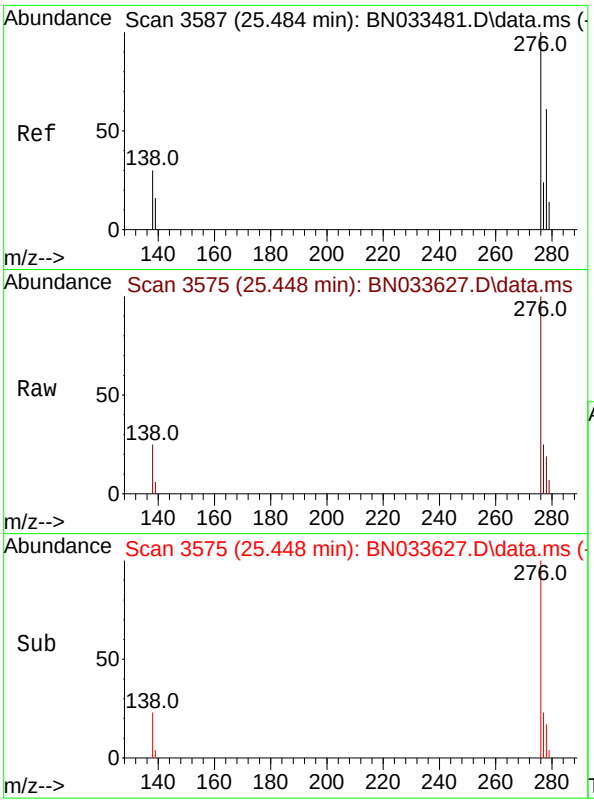


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.302 min Scan# 2841
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:264 Resp: 16722

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	74.3	52.2	78.2



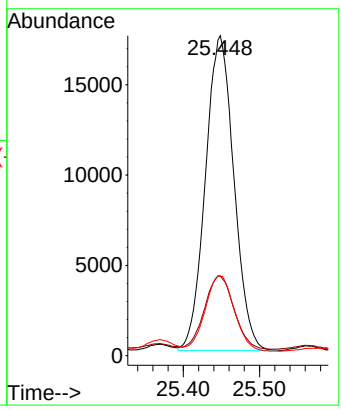


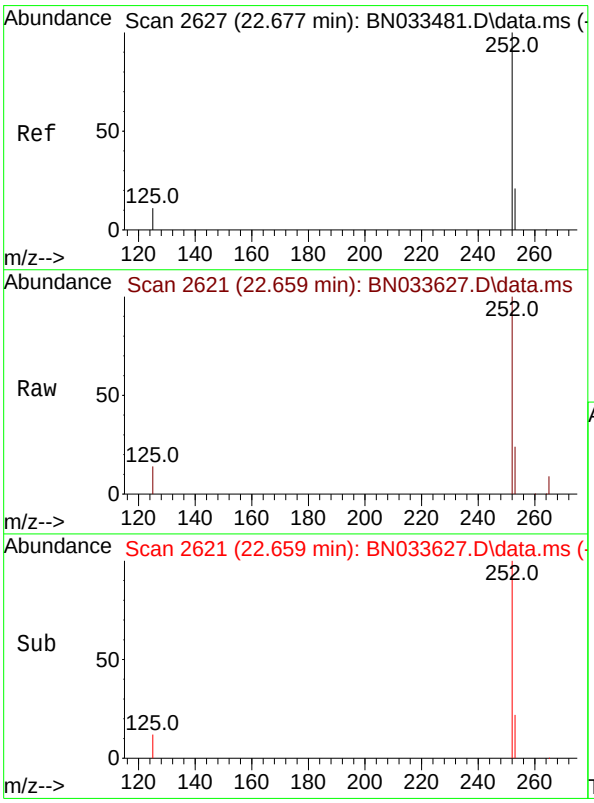
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.652 ng
RT: 25.448 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:276 Resp: 45239

Ion	Ratio	Lower	Upper
276	100		
138	24.1	24.4	36.6#
277	24.7	19.8	29.6

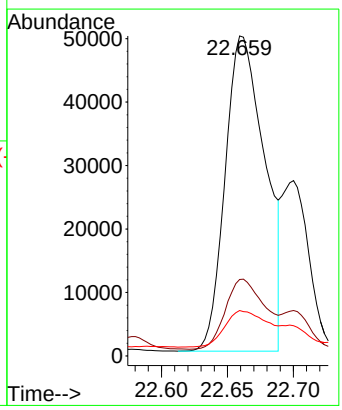


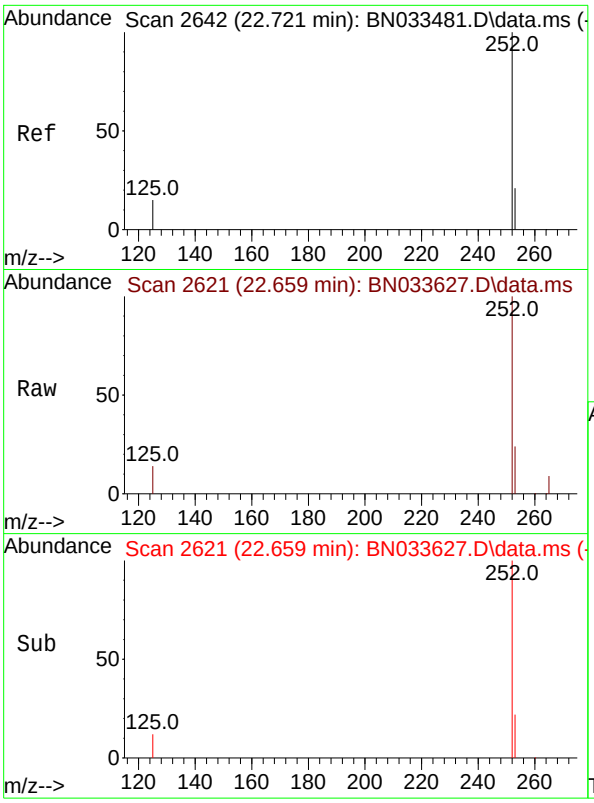


#37
Benzo(b)fluoranthene
Concen: 1.667 ng
RT: 22.659 min Scan# 2621
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:252 Resp: 104124

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	14.2	13.9	20.9



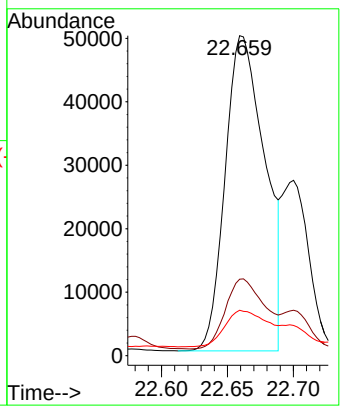


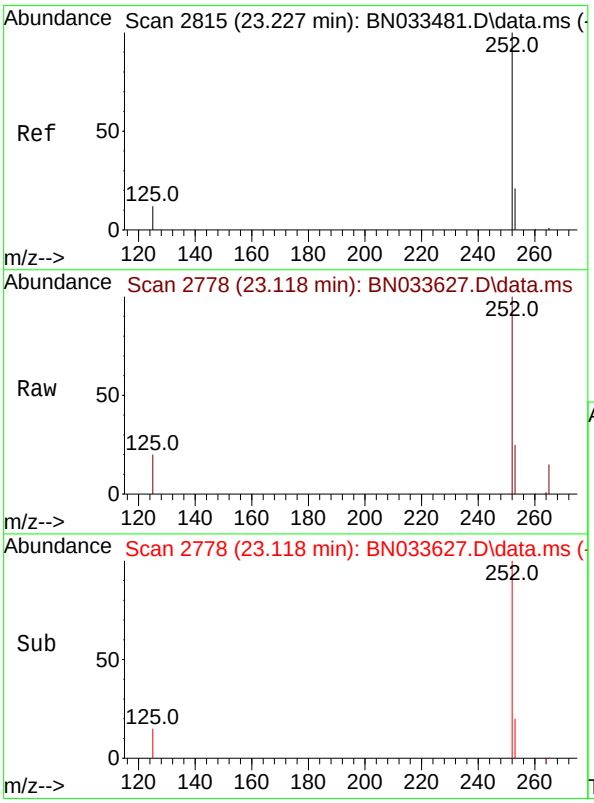
#38
Benzo(k)fluoranthene
Concen: 1.694 ng
RT: 22.659 min Scan# 2
Delta R.T. -0.044 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:252 Resp: 104124

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	14.2	15.8	23.8#

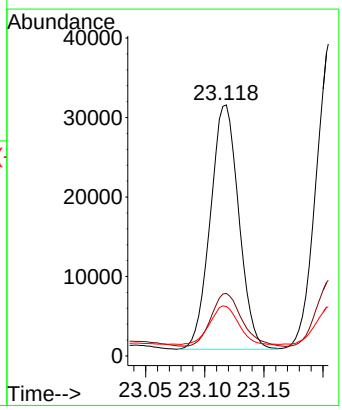


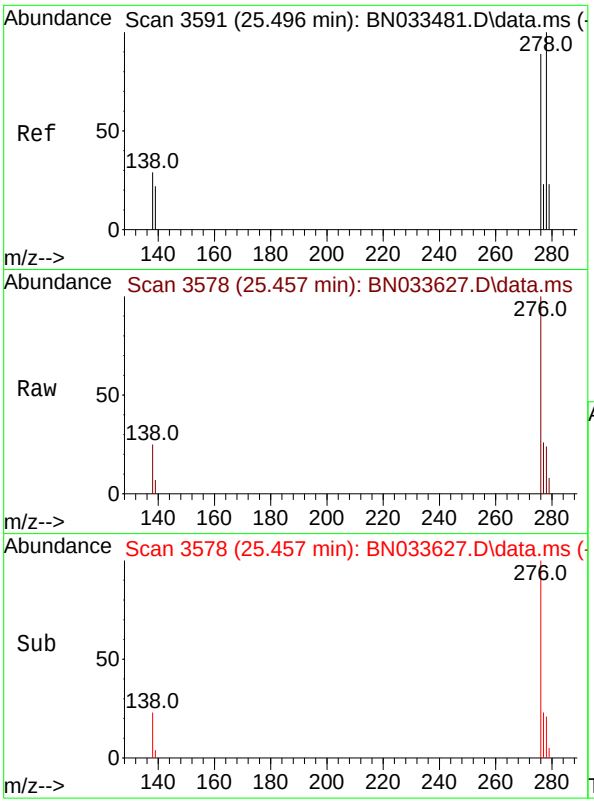


#39
Benzo(a)pyrene
Concen: 0.994 ng
RT: 23.118 min Scan# 2778
Delta R.T. -0.091 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:252 Resp: 51347

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.5	32.3
125	19.7	17.0	25.4



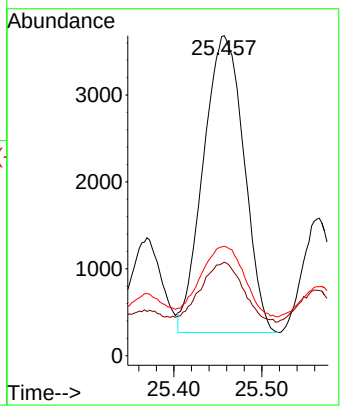


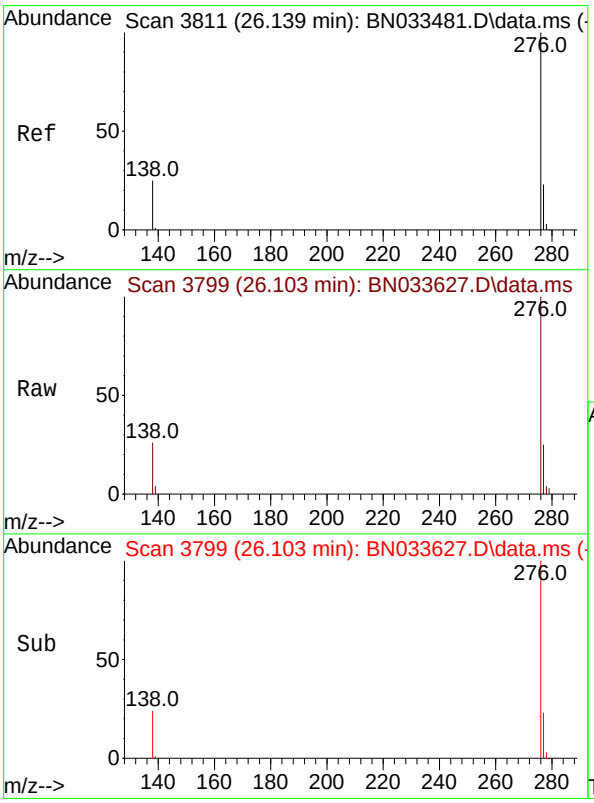
#40
Dibenzo(a,h)anthracene
Concen: 0.198 ng
RT: 25.457 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Instrument :
BNA_N
ClientSampleId :
S-901-J-0-0.5-081624DL

Tgt Ion:278 Resp: 10966

Ion	Ratio	Lower	Upper
278	100		
139	29.2	19.1	28.7#
279	34.1	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 0.745 ng
RT: 26.103 min Scan# 3799
Delta R.T. -0.001 min
Lab File: BN033627.D
Acq: 26 Aug 2024 18:08

Tgt Ion:276 Resp: 44204

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	25.8	21.8	32.6