Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033589.D
Acq On : 23 Aug 2024 14:46
Operator : MA/JU
Sample : P3663-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Quant Time: Aug 23 15:49:10 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	6478	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	17650	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9075	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18566	0.400	ng	0.00
29) Chrysene-d12	21.139	240	15669	0.400	ng	# 0.00
35) Perylene-d12	23.311	264	17803	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4323	0.210	ng	0.00
5) Phenol-d6	6.736	99	5573	0.228	ng	0.00
8) Nitrobenzene-d5	8.681	82	3227	0.220	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	5146	0.204	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1279	0.262	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6763	0.182	ng	0.00
27) Fluoranthene-d10	18.970	212	8092	0.181	ng	0.00
31) Terphenyl-d14	19.588	244	5069	0.142	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	546	0.073	ng	# 74
3) n-Nitrosodimethylamine	3.399	42	5600	0.646	ng	# 1
9) Naphthalene	10.357	128	1695	0.036	ng	# 82
12) 2-Methylnaphthalene	11.979	142	778	0.026	ng	# 83
16) Acenaphthylene	13.900	152	4329	0.109	ng	94
17) Acenaphthene	14.242	154	2782	0.099	ng	94
18) Fluorene	15.236	166	4369	0.124	ng	98
25) Phenanthrene	16.966	178	80237	1.553	ng	100
26) Anthracene	17.066	178	15709	0.344	ng	# 96
28) Fluoranthene	19.003	202	278045	4.871	ng	100
30) Pyrene	19.365	202	235905	3.373	ng	# 95
32) Benzo(a)anthracene	21.121	228	135568	2.393	ng	96
33) Chrysene	21.175	228	142880	2.537	ng	97
34) Bis(2-ethylhexyl)phtha...	21.085	149	78592	2.192	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.460	276	111416	1.507	ng	# 93
37) Benzo(b)fluoranthene	22.668	252	219017	3.294	ng	95
38) Benzo(k)fluoranthene	22.668	252	219017	3.347	ng	# 93
39) Benzo(a)pyrene	23.124	252	108861	1.979	ng	97
40) Dibenzo(a,h)anthracene	25.472	278	25633	0.434	ng	# 87
41) Benzo(g,h,i)perylene	26.118	276	109995	1.740	ng	99

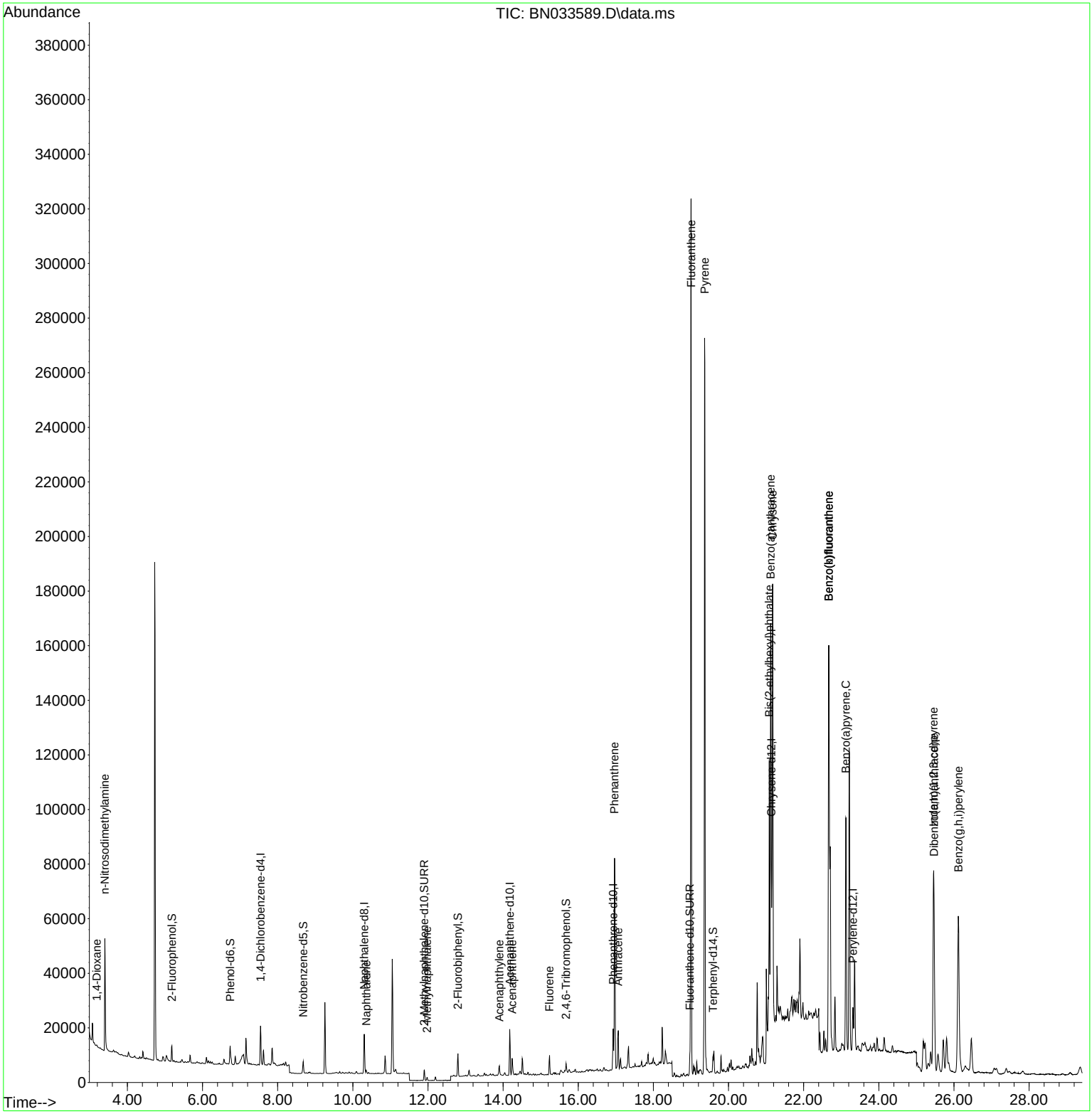
(#) = qualifier out of range (m) = manual integration (+) = signals summed

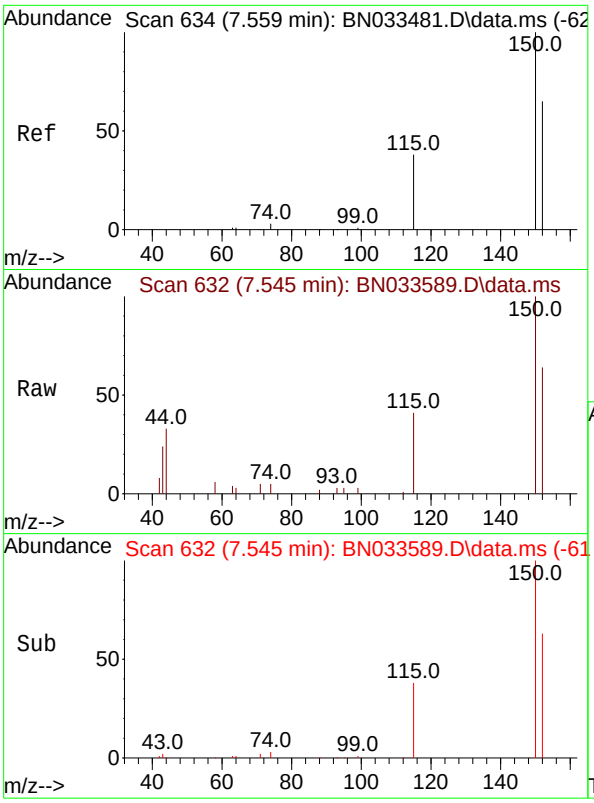
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033589.D
Acq On : 23 Aug 2024 14:46
Operator : MA/JU
Sample : P3663-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Quant Time: Aug 23 15:49:10 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



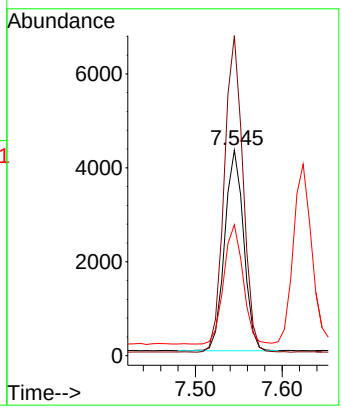


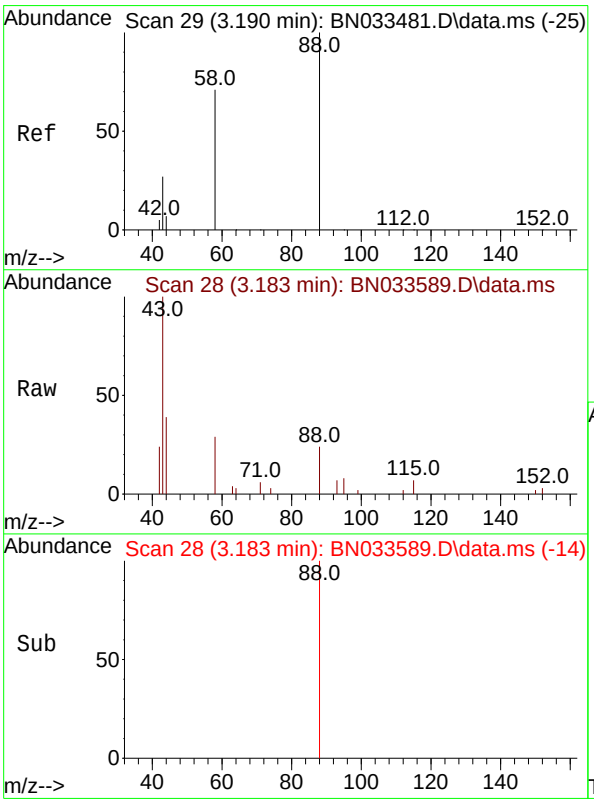
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:152 Resp: 6478

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.2	183.2
115	63.6	47.2	70.8

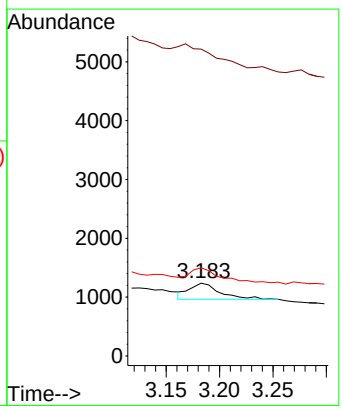


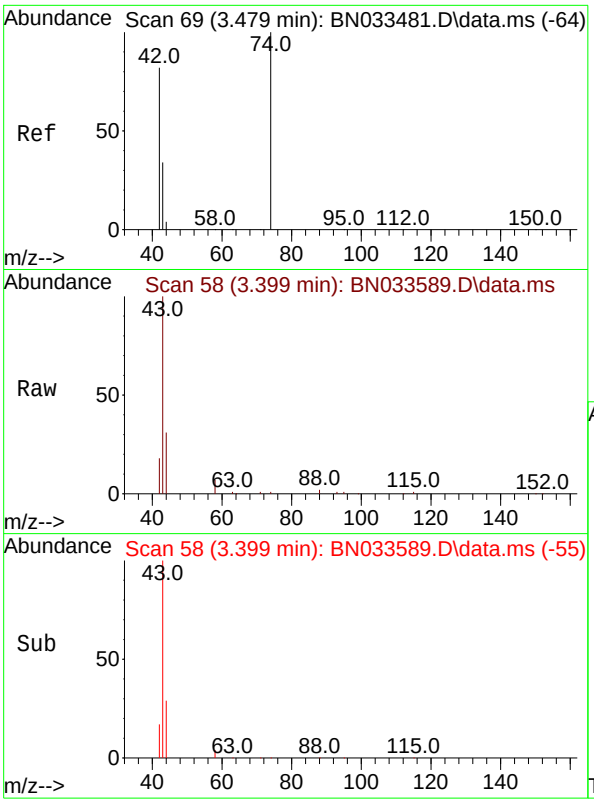


#2
1,4-Dioxane
Concen: 0.073 ng
RT: 3.183 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion: 88 Resp: 546

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.0	37.4#
58	89.9	62.5	93.7



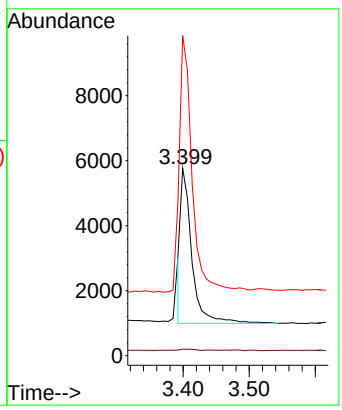


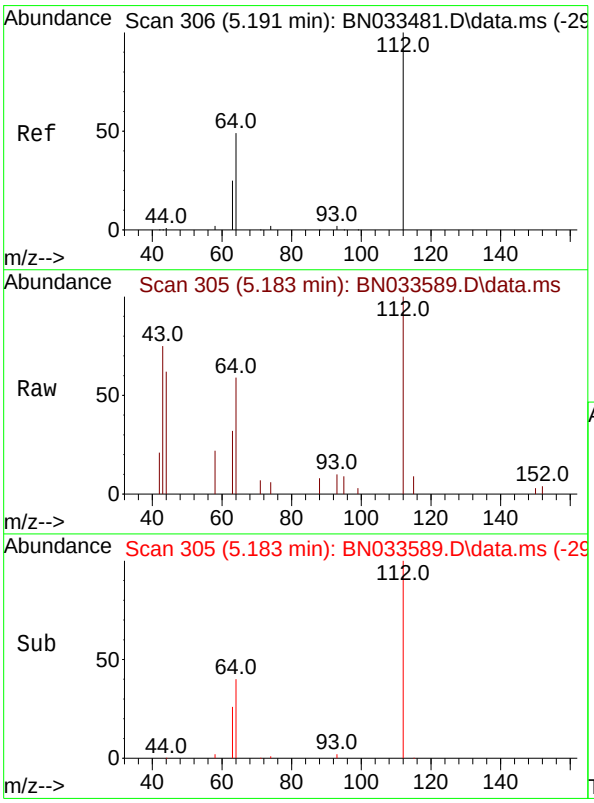
#3
n-Nitrosodimethylamine
Concen: 0.646 ng
RT: 3.399 min Scan# 5
Delta R.T. -0.080 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion: 42 Resp: 5600

Ion	Ratio	Lower	Upper
42	100		
74	0.9	100.2	150.2#
44	161.4	5.3	7.9#

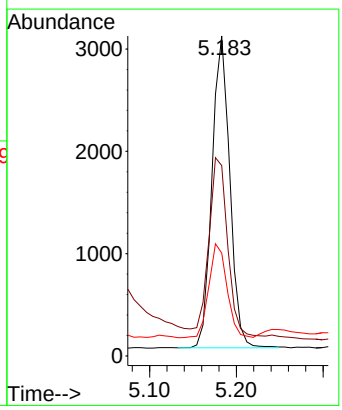


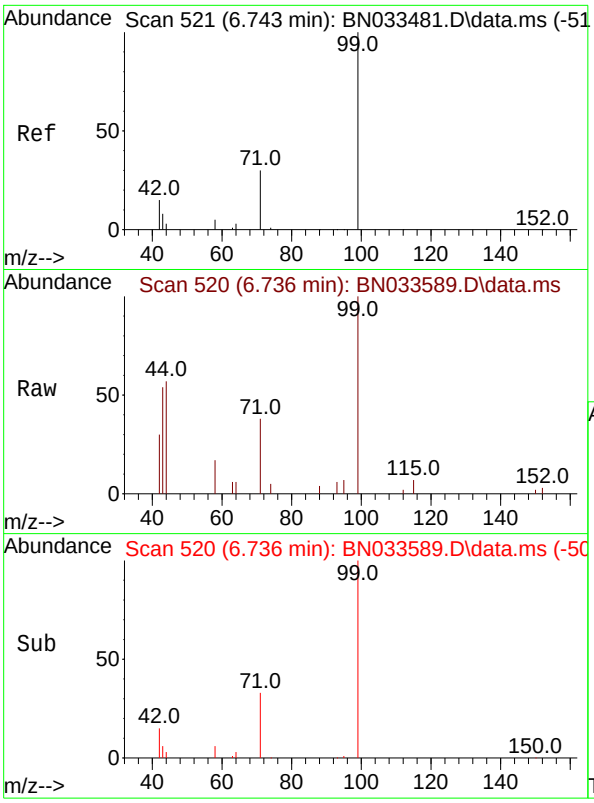


#4
2-Fluorophenol
Concen: 0.210 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:112 Resp: 4323

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.1	70.7
63	30.8	24.9	37.3



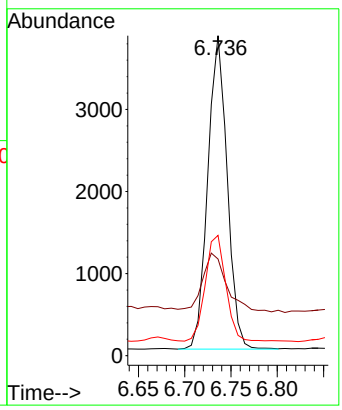


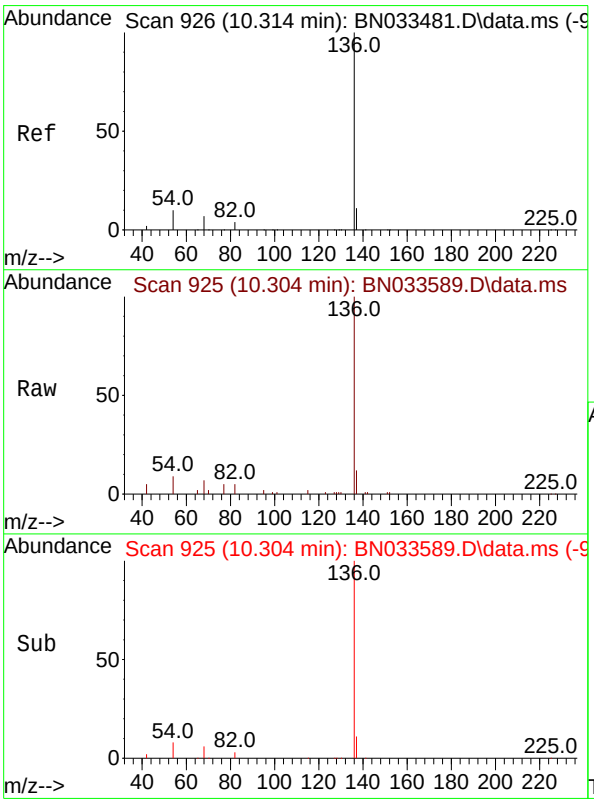
#5
Phenol-d6
Concen: 0.228 ng
RT: 6.736 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion: 99 Resp: 5573

Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.6	24.8
71	35.3	26.2	39.4

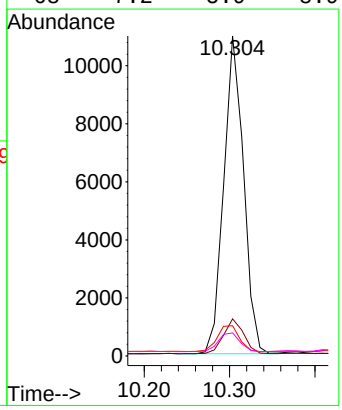


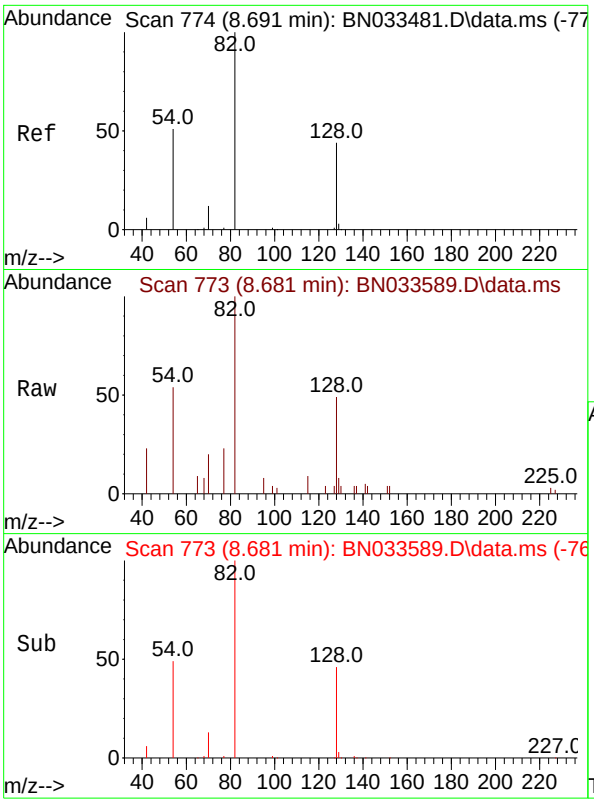


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:136 Resp: 17650

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.5	8.3	12.5
68	7.2	5.9	8.9



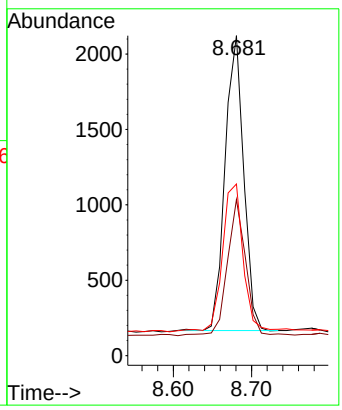


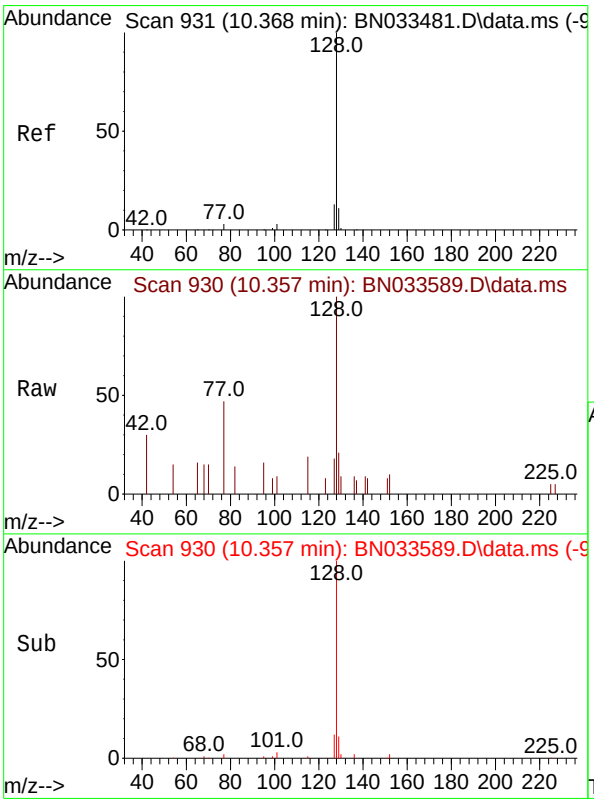
#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 8.681 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion: 82 Resp: 3227

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.0	54.0
54	53.6	42.0	63.0

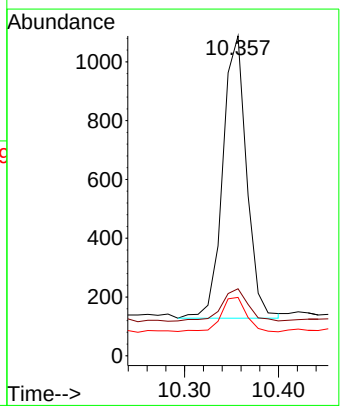


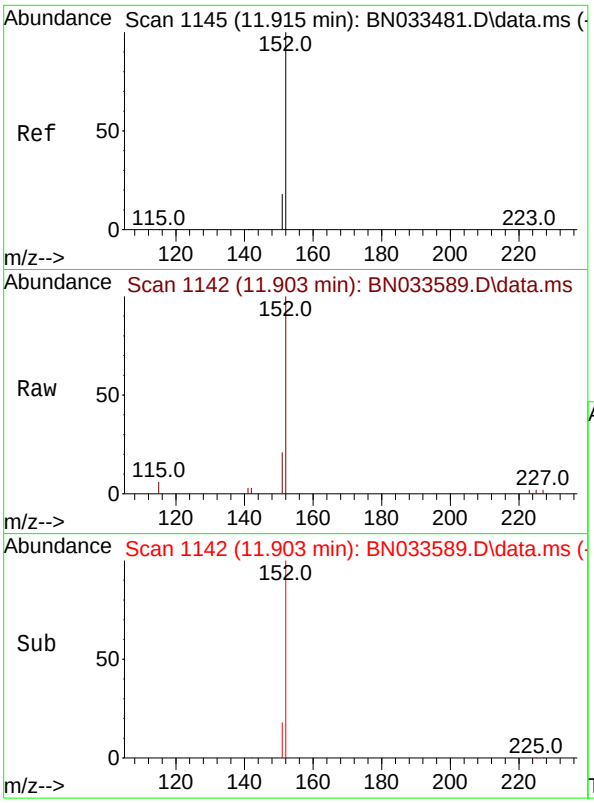


#9
Naphthalene
Concen: 0.036 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:128 Resp: 1695

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.1	13.7#
127	18.3	10.7	16.1#



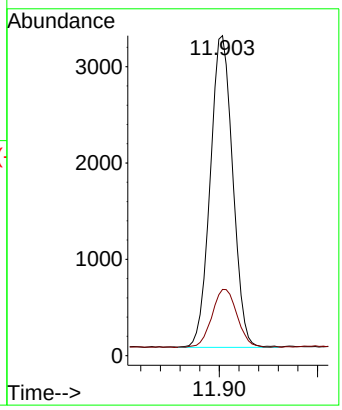


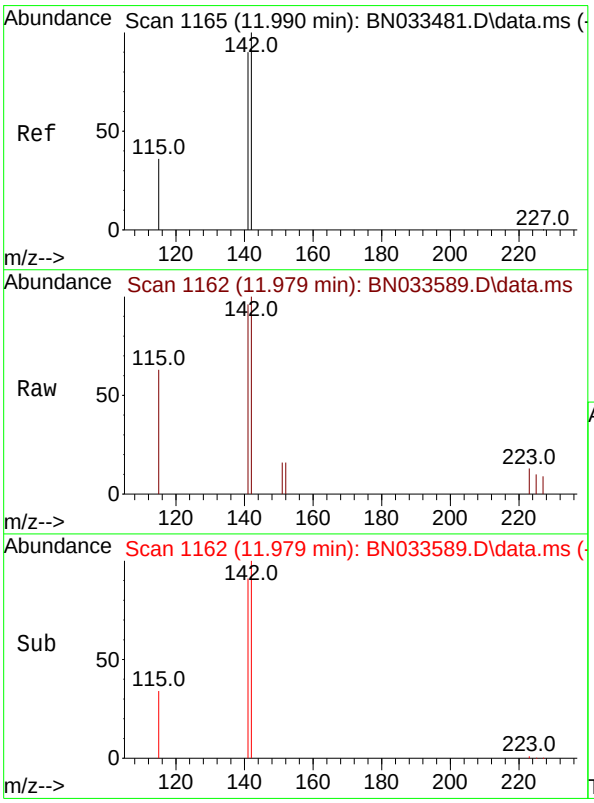
#11
2-Methylnaphthalene-d10
Concen: 0.204 ng
RT: 11.903 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:152 Resp: 5146

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.6	25.0

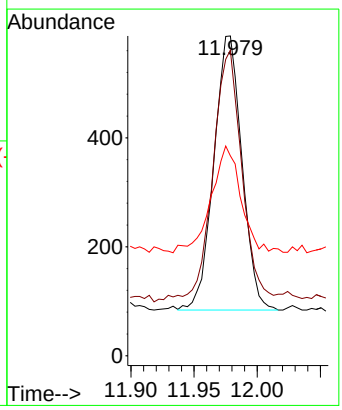


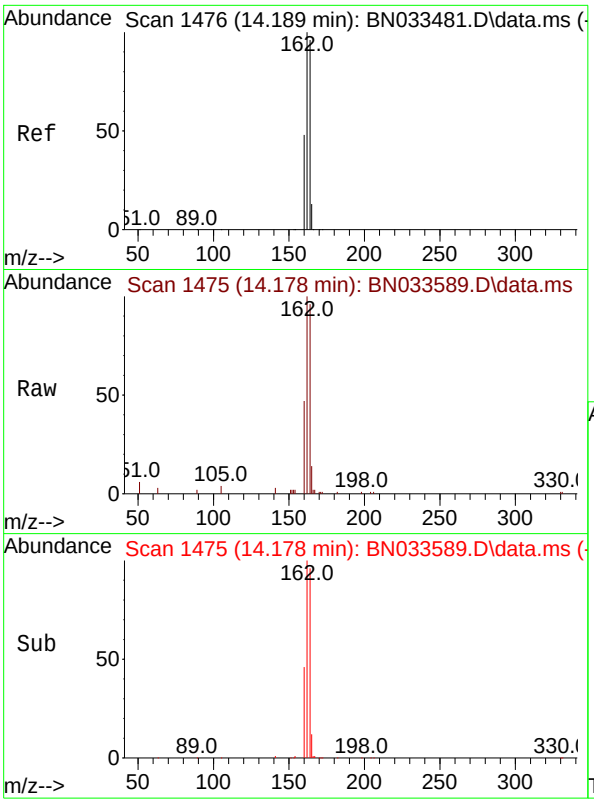


#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 11.979 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:142 Resp: 778

Ion	Ratio	Lower	Upper
142	100		
141	95.6	71.7	107.5
115	62.5	29.4	44.2#



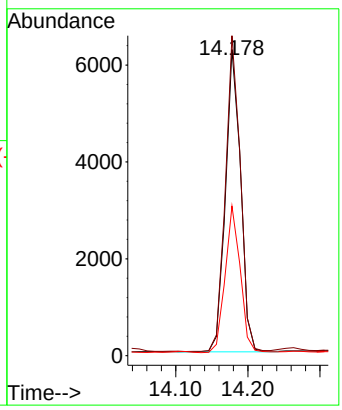


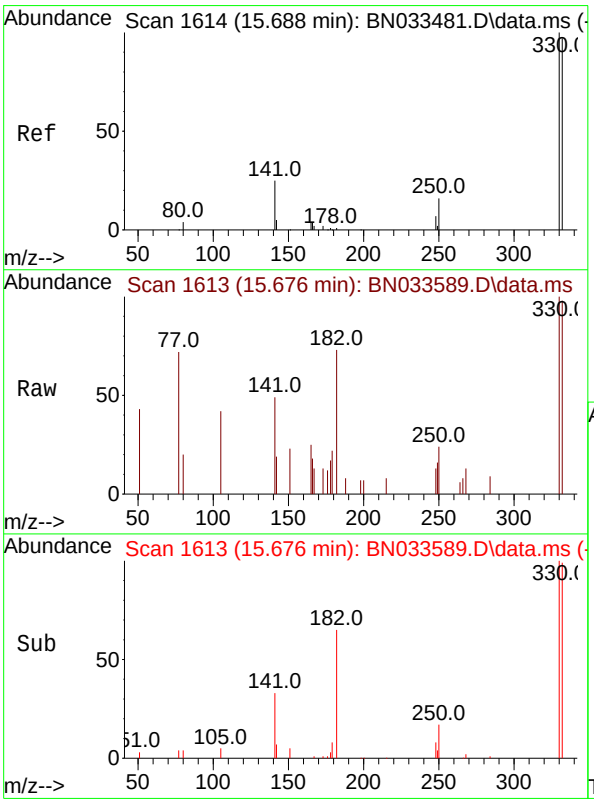
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:164 Resp: 9075

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.5	125.3
160	48.9	40.2	60.4

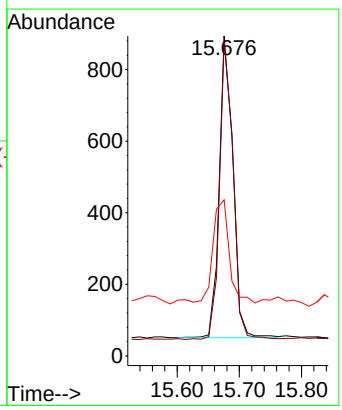


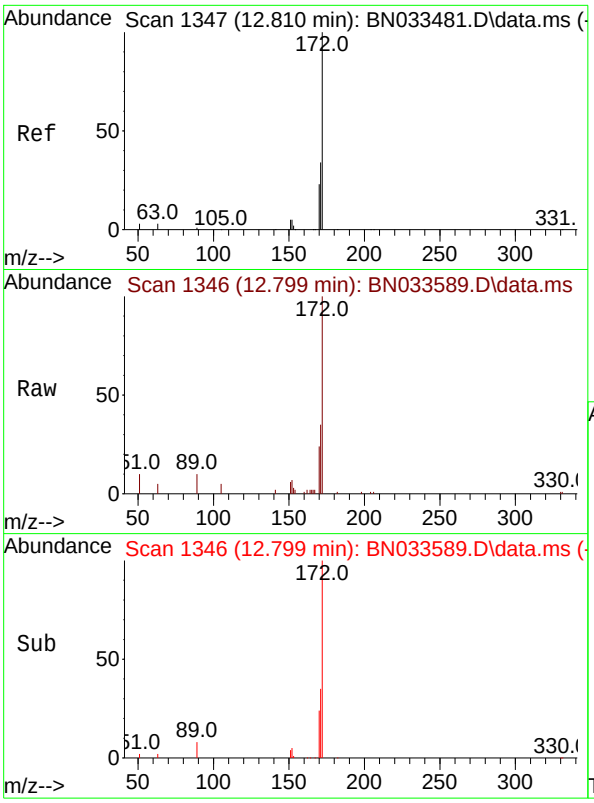


#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:330 Resp: 1279

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.5	116.3
141	40.3	33.9	50.9



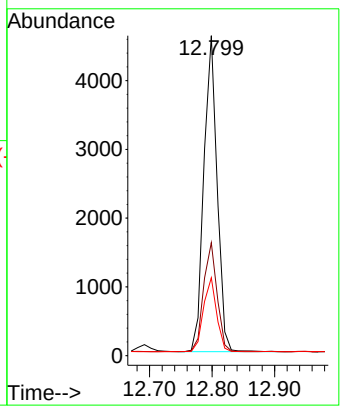


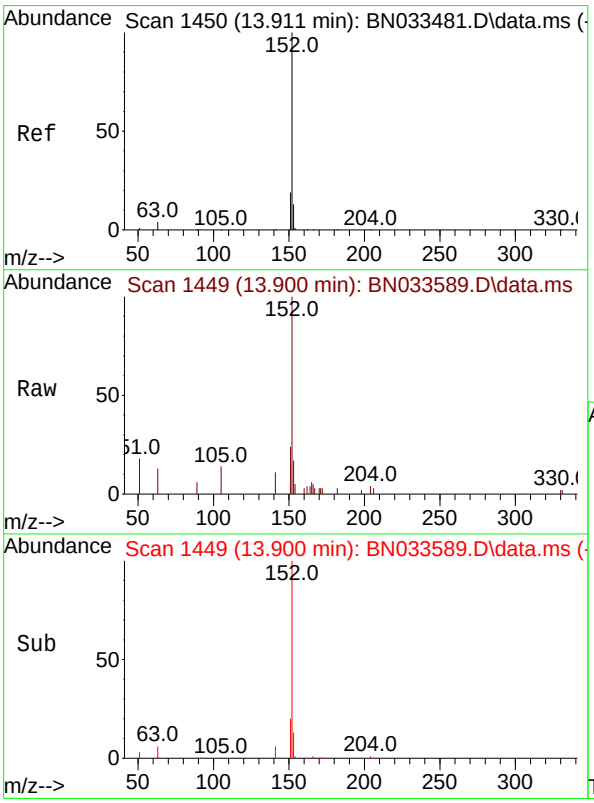
#15
2-Fluorobiphenyl
Concen: 0.182 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:172 Resp: 6763

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.7	41.5
170	24.3	18.3	27.5

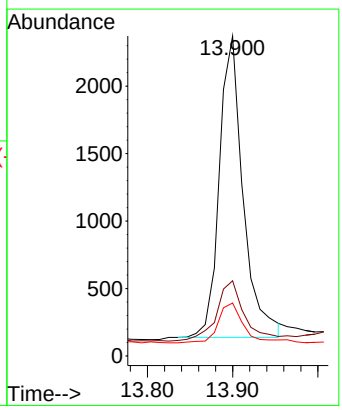


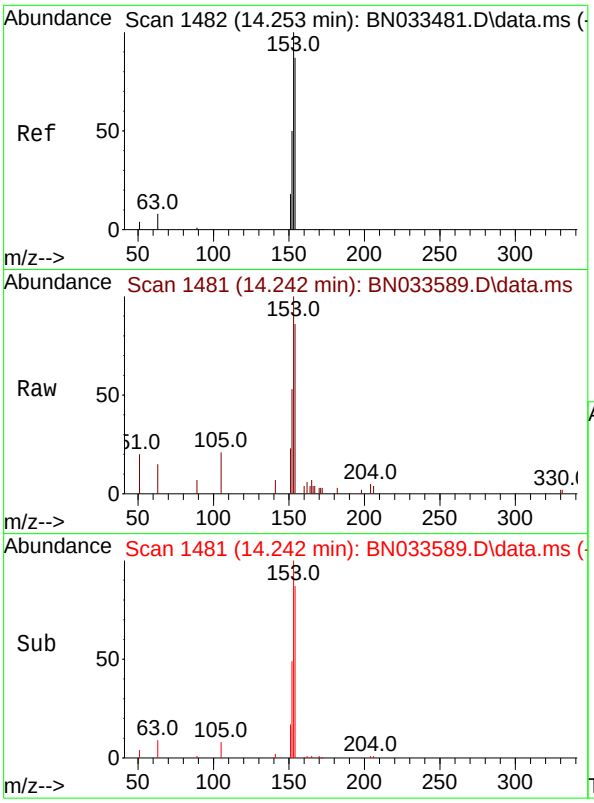


#16
Acenaphthylene
Concen: 0.109 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:152 Resp: 4329

Ion	Ratio	Lower	Upper
152	100		
151	23.4	15.7	23.5
153	13.6	10.3	15.5



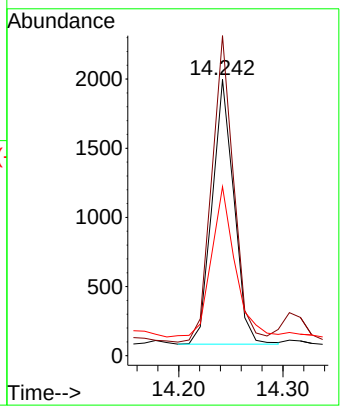


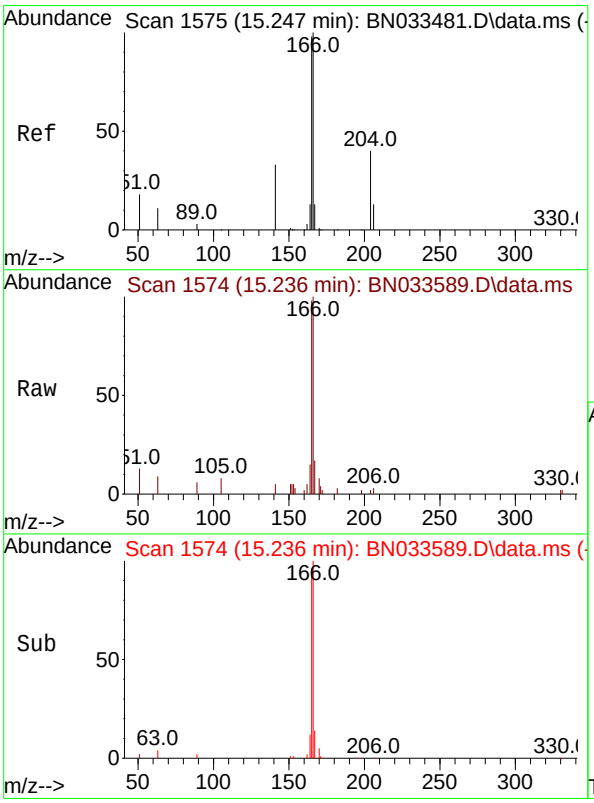
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:154 Resp: 2782

Ion	Ratio	Lower	Upper
154	100		
153	117.0	89.0	133.6
152	61.5	45.2	67.8

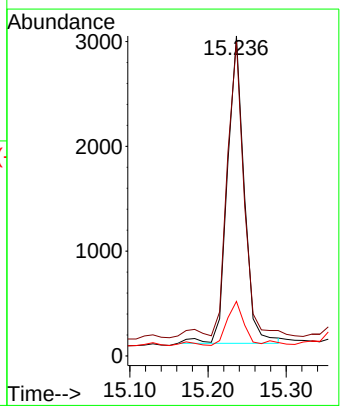


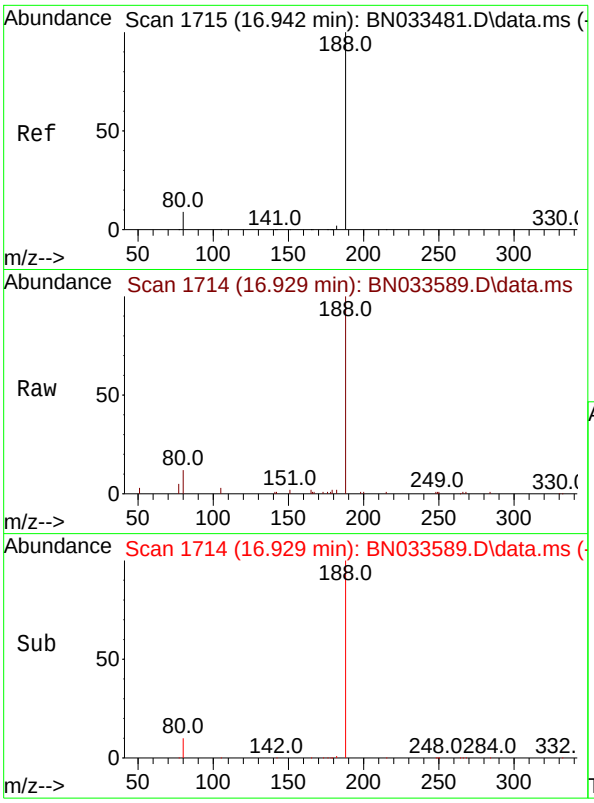


#18
Fluorene
Concen: 0.124 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:166 Resp: 4369

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.2	117.4
167	14.2	10.6	16.0



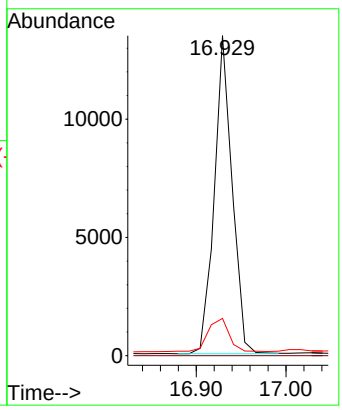


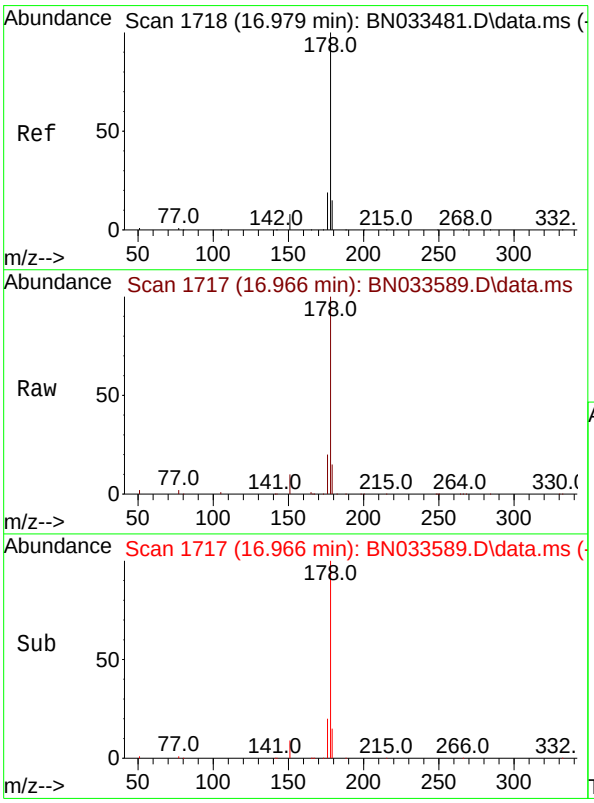
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:188 Resp: 18566

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	7.8	11.8

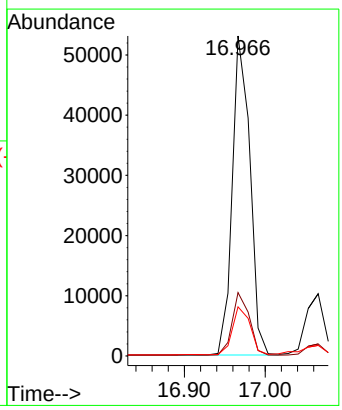


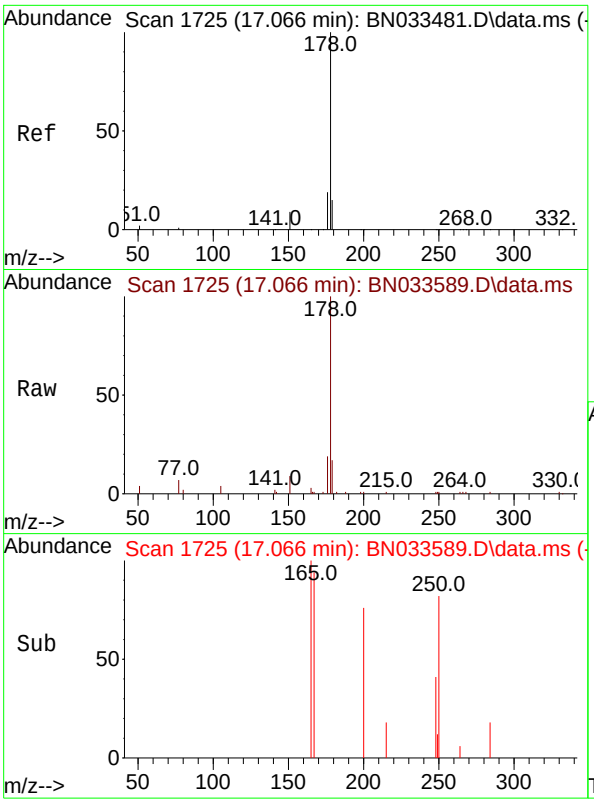


#25
Phenanthrene
Concen: 1.553 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:178 Resp: 80237

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.3	18.5



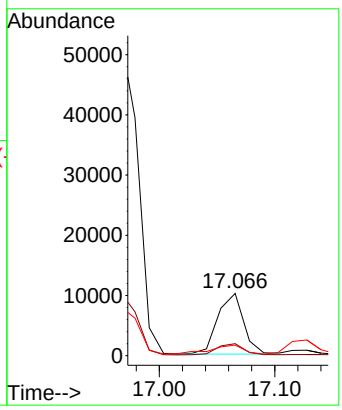


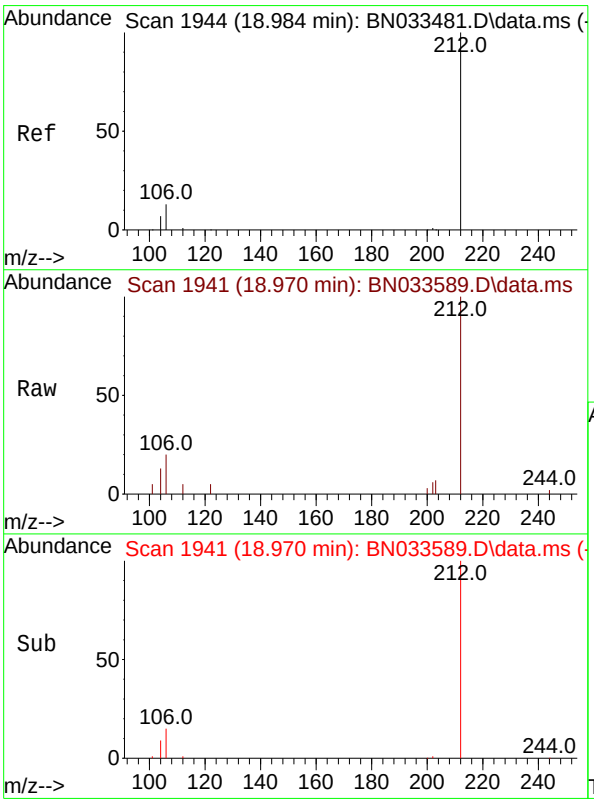
#26
Anthracene
Concen: 0.344 ng
RT: 17.066 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:178 Resp: 15709

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	18.9	12.4	18.6#

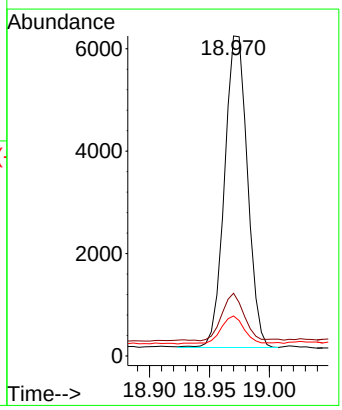


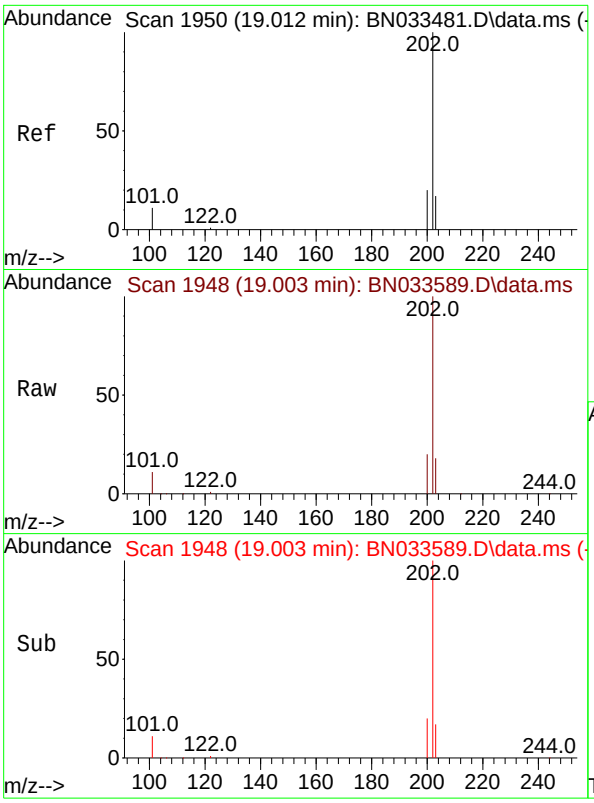


#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:212 Resp: 8092

Ion	Ratio	Lower	Upper
212	100		
106	14.6	12.3	18.5
104	9.3	7.0	10.4



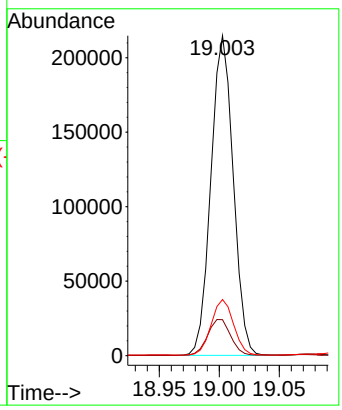


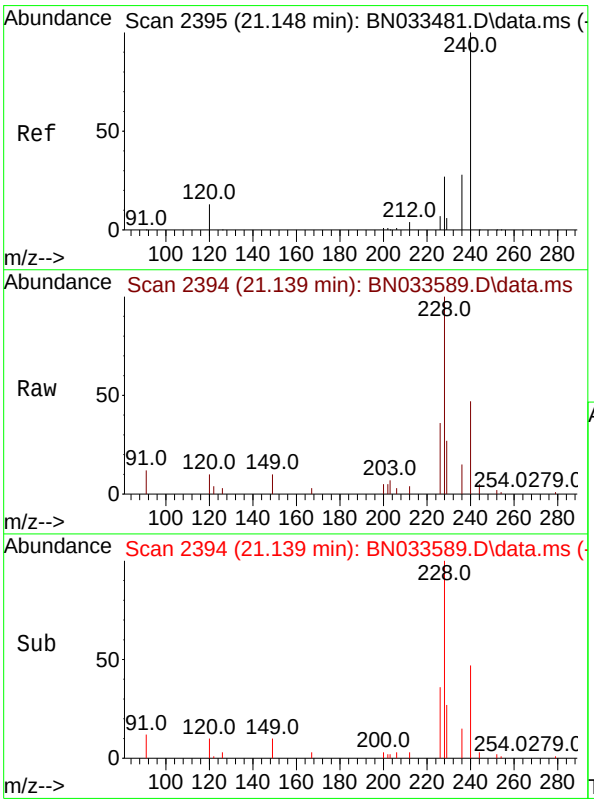
#28
Fluoranthene
Concen: 4.871 ng
RT: 19.003 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:202 Resp: 278045

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.5	14.3
203	17.3	13.8	20.6

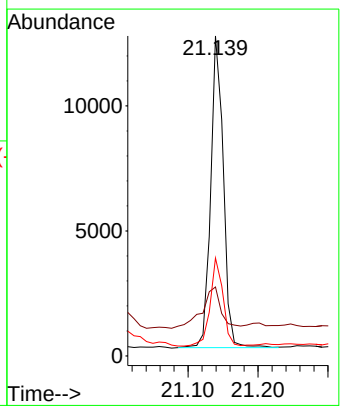


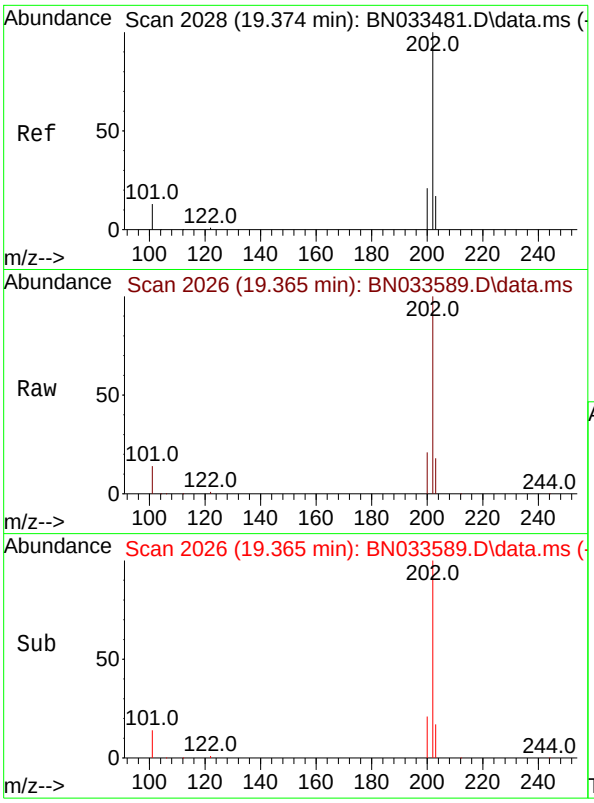


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:240 Resp: 15669

Ion	Ratio	Lower	Upper
240	100		
120	21.6	12.4	18.6#
236	30.6	23.0	34.6



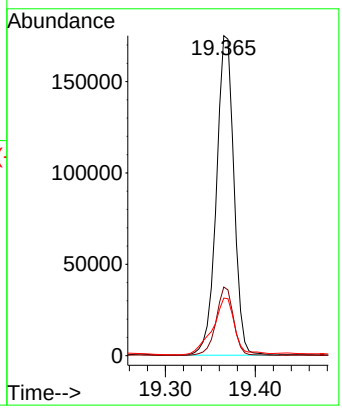


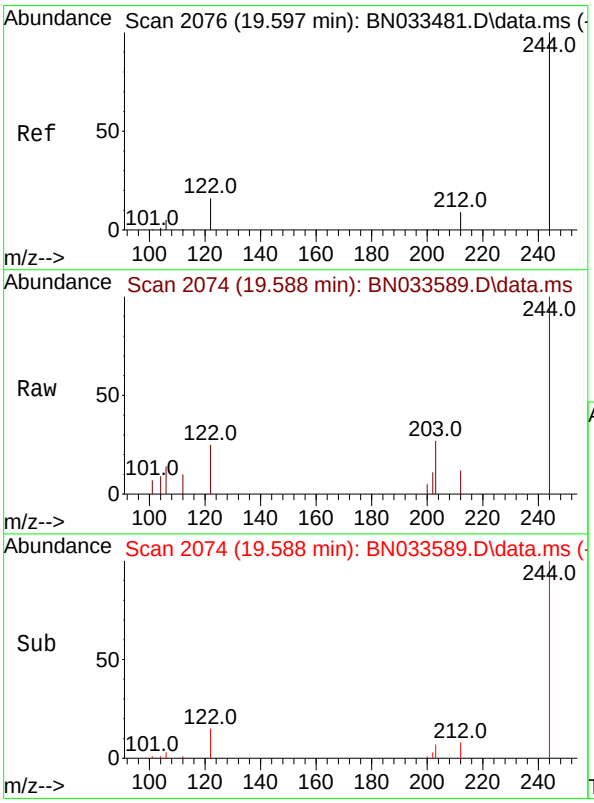
#30
Pyrene
Concen: 3.373 ng
RT: 19.365 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:202 Resp: 235905

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	22.3	14.2	21.4#

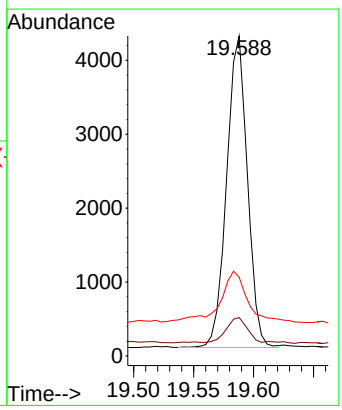


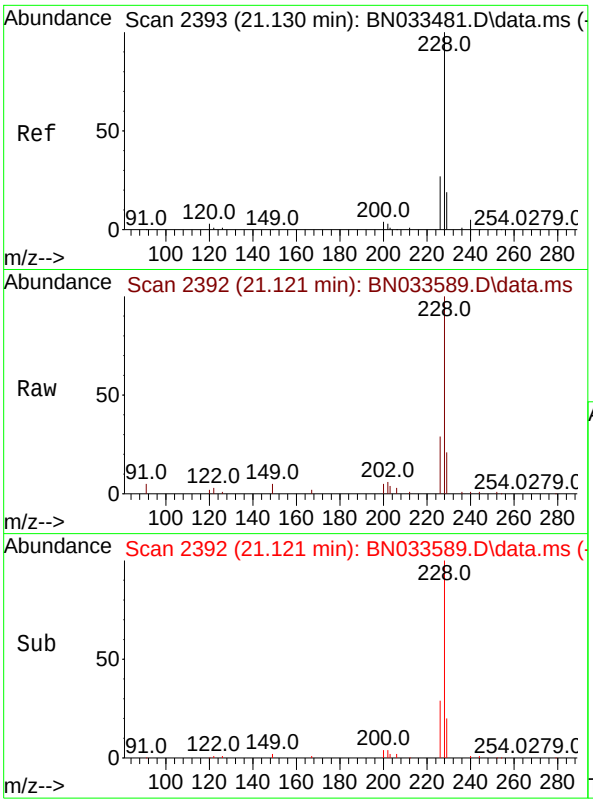


#31
Terphenyl-d14
Concen: 0.142 ng
RT: 19.588 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:244 Resp: 5069

Ion	Ratio	Lower	Upper
244	100		
212	12.0	7.8	11.6#
122	24.6	13.3	19.9#



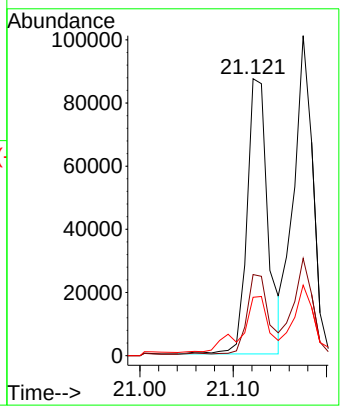


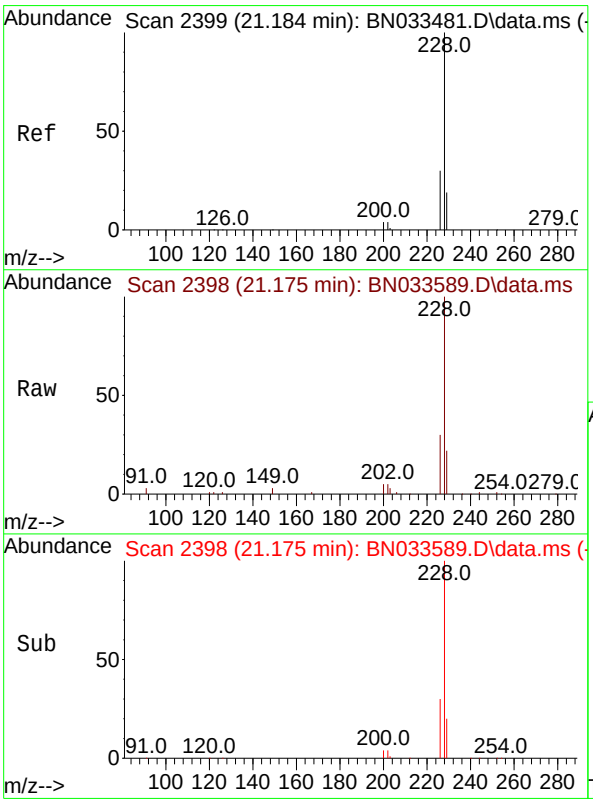
#32
Benzo(a)anthracene
Concen: 2.393 ng
RT: 21.121 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:228 Resp: 135568

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.8	32.6
229	21.1	15.8	23.6

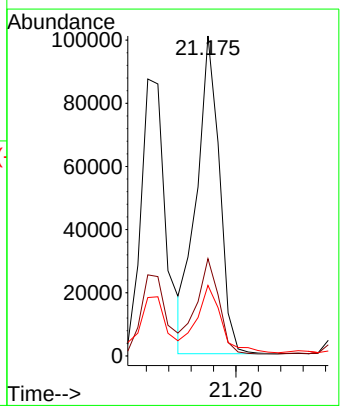


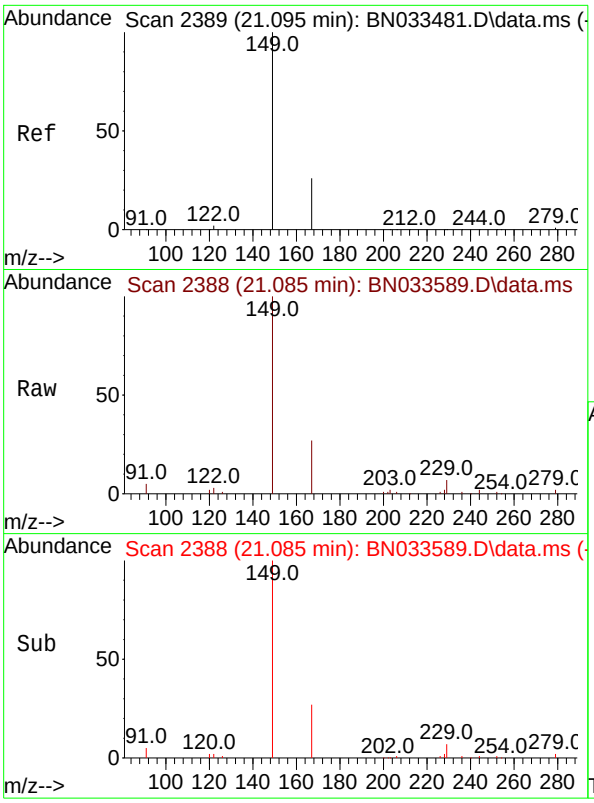


#33
Chrysene
Concen: 2.537 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:228 Resp: 142880

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	22.0	15.6	23.4



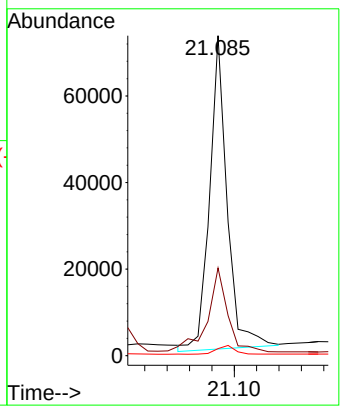


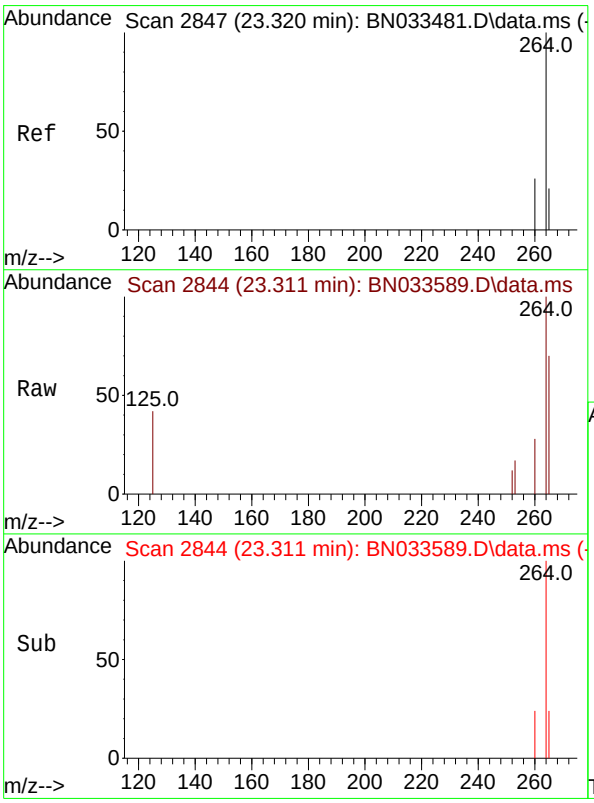
#34
Bis(2-ethylhexyl)phthalate
Concen: 2.192 ng
RT: 21.085 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:149 Resp: 78592

Ion	Ratio	Lower	Upper
149	100		
167	33.7	21.5	32.3#
279	3.5	2.2	3.2#

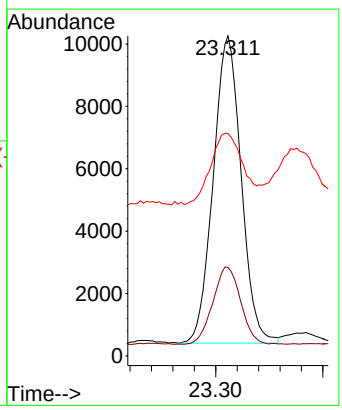


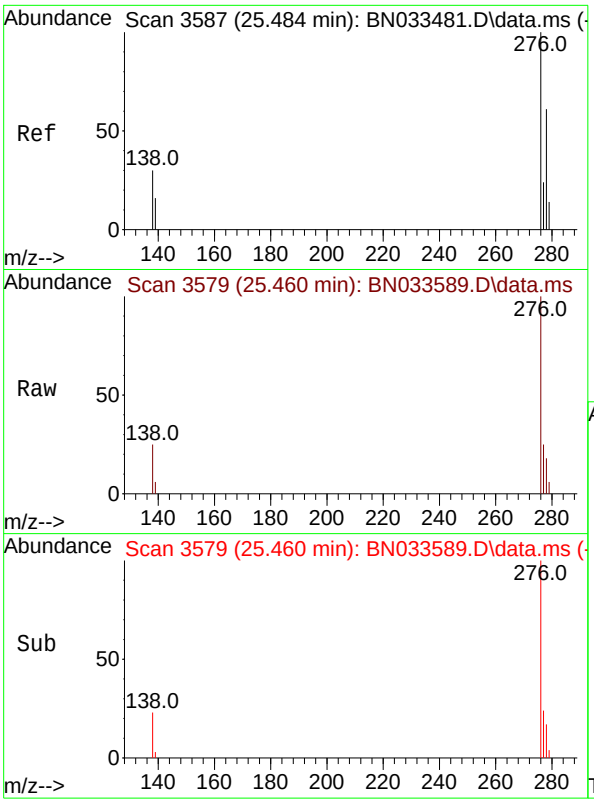


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.311 min Scan# 2844
Delta R.T. 0.009 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:264 Resp: 17803

Ion	Ratio	Lower	Upper
264	100		
260	27.7	20.8	31.2
265	69.5	52.2	78.2



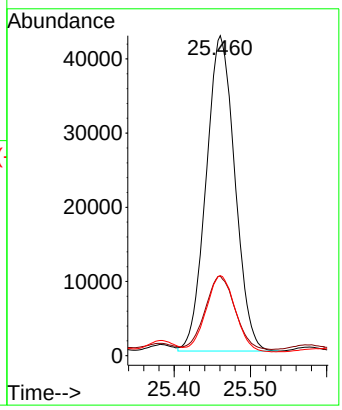


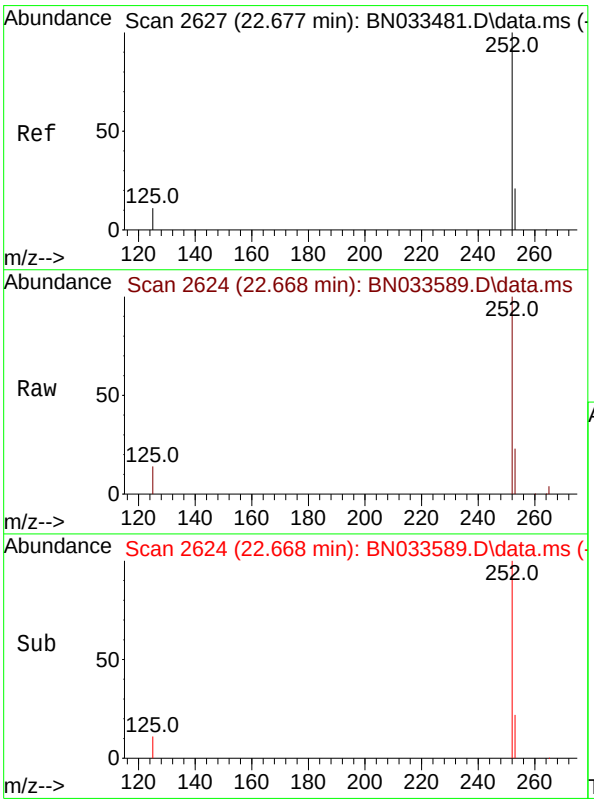
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.507 ng
RT: 25.460 min Scan# 3
Delta R.T. 0.011 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:276 Resp: 111416

Ion	Ratio	Lower	Upper
276	100		
138	23.9	24.4	36.6#
277	24.5	19.8	29.6

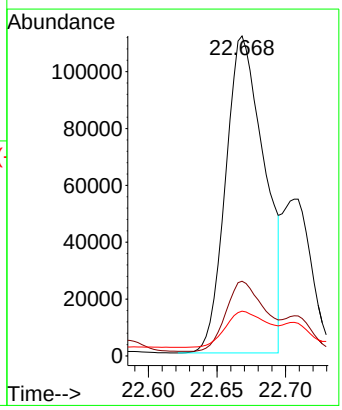


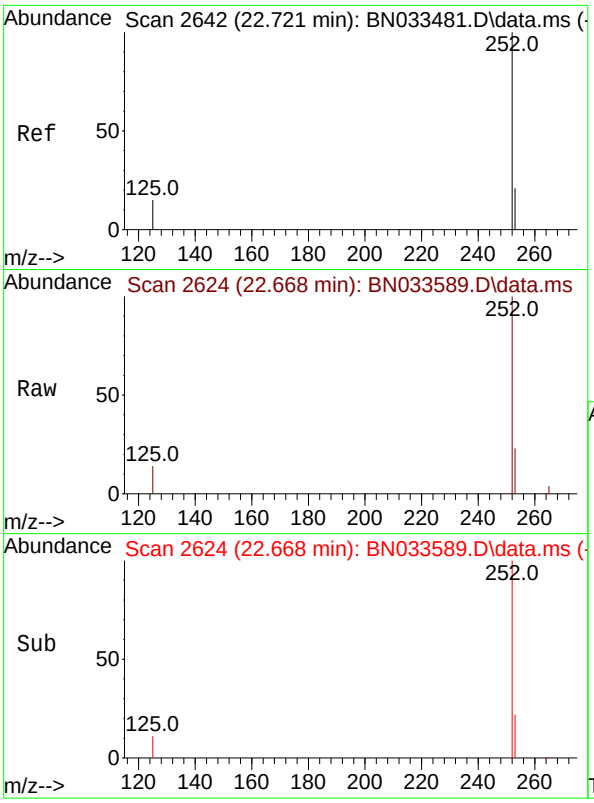


#37
Benzo(b)fluoranthene
Concen: 3.294 ng
RT: 22.668 min Scan# 2624
Delta R.T. 0.009 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:252 Resp: 219017

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.8	29.8
125	14.0	13.9	20.9



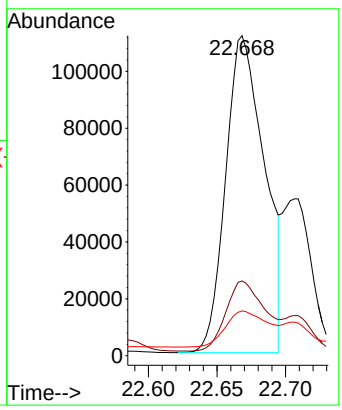


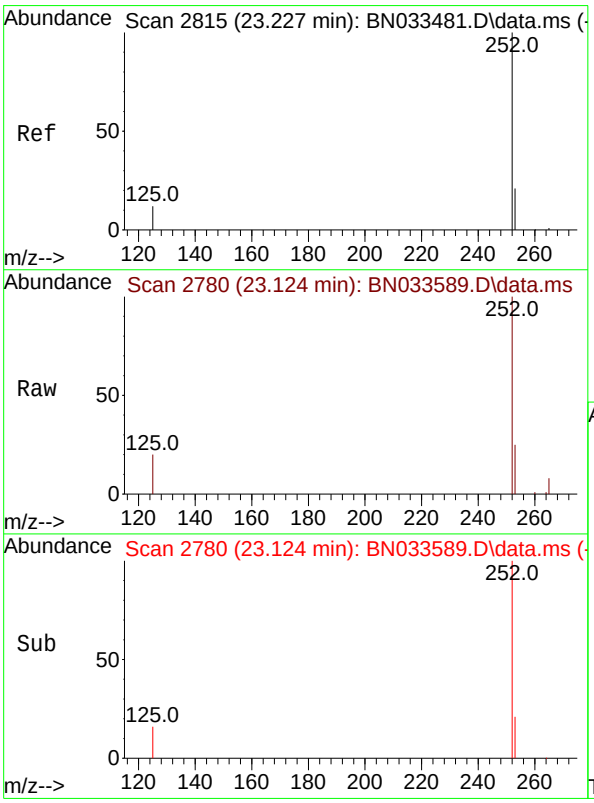
#38
Benzo(k)fluoranthene
Concen: 3.347 ng
RT: 22.668 min Scan# 2
Delta R.T. -0.035 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:252 Resp: 219017

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.8	29.8
125	14.0	15.8	23.8#

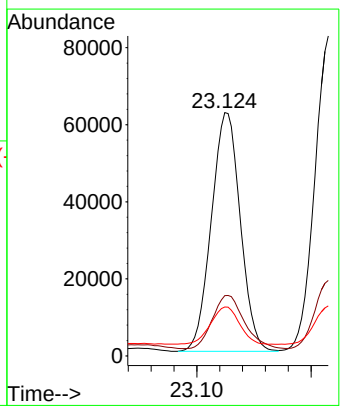


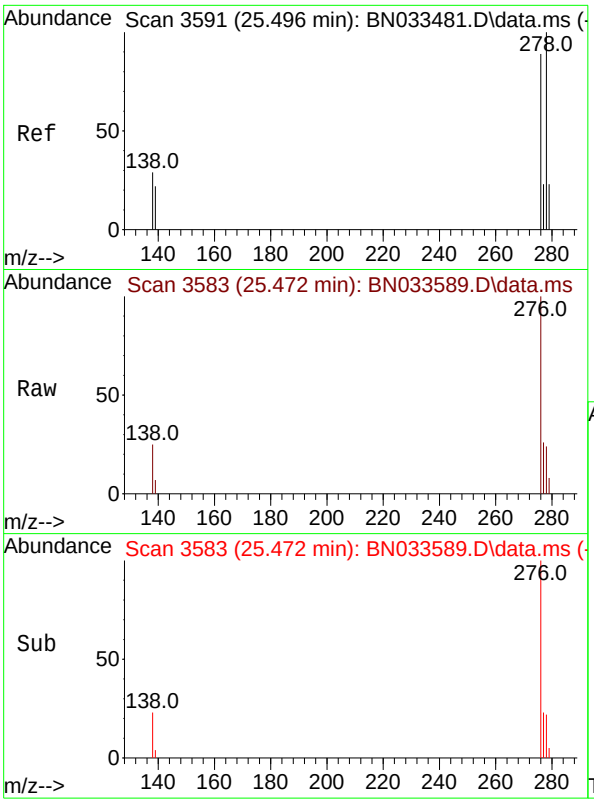


#39
Benzo(a)pyrene
Concen: 1.979 ng
RT: 23.124 min Scan# 2780
Delta R.T. -0.085 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:252 Resp: 108861

Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.5	32.3
125	20.1	17.0	25.4



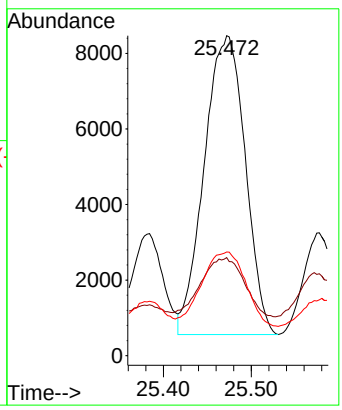


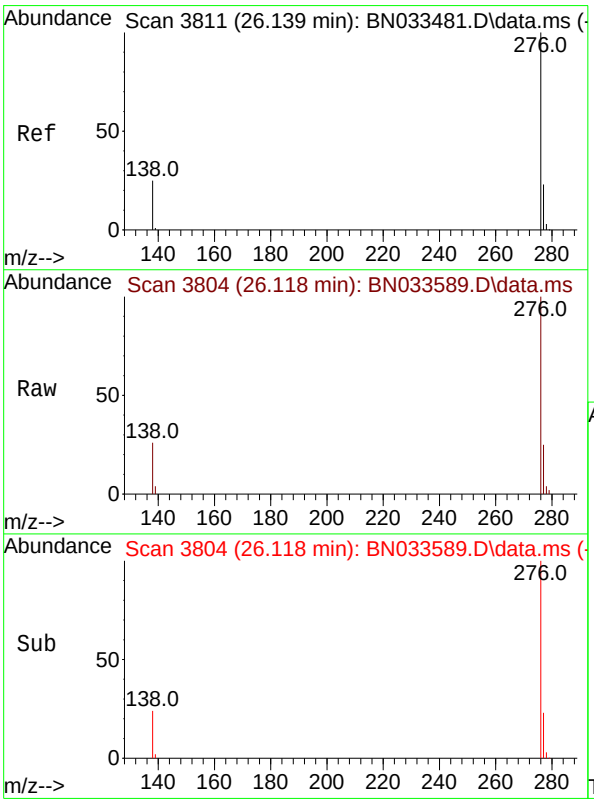
#40
Dibenzo(a,h)anthracene
Concen: 0.434 ng
RT: 25.472 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:278 Resp: 25633

Ion	Ratio	Lower	Upper
278	100		
139	30.7	19.1	28.7#
279	32.4	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 1.740 ng
RT: 26.118 min Scan# 3804
Delta R.T. 0.014 min
Lab File: BN033589.D
Acq: 23 Aug 2024 14:46

Tgt Ion:276 Resp: 109995

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	26.1	21.8	32.6