Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033579.D
Acq On : 23 Aug 2024 07:42
Operator : MA/JU
Sample : P3663-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Quant Time: Aug 23 08:06:15 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	8470	0.400	ng		0.00
7) Naphthalene-d8	10.303	136	22042	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	10897	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	22785	0.400	ng		0.00
29) Chrysene-d12	21.139	240	21407	0.400	ng		0.00
35) Perylene-d12	23.303	264	23944	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4920	0.183	ng		0.00
5) Phenol-d6	6.736	99	5906	0.184	ng		0.00
8) Nitrobenzene-d5	8.681	82	3473	0.190	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	4956	0.157	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	1044	0.178	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	6342	0.142	ng		0.00
27) Fluoranthene-d10	18.970	212	7143	0.130	ng		0.00
31) Terphenyl-d14	19.583	244	4162	0.086	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	962	0.099	ng	#	82
3) n-Nitrosodimethylamine	3.406	42	3596	0.317	ng	#	1
9) Naphthalene	10.357	128	1855	0.031	ng	#	85
12) 2-Methylnaphthalene	11.979	142	858	0.023	ng	#	89
16) Acenaphthylene	13.900	152	5025	0.105	ng		97
17) Acenaphthene	14.242	154	4966	0.148	ng		97
18) Fluorene	15.236	166	7989	0.189	ng		95
25) Phenanthrene	16.966	178	170888	2.696	ng		100
26) Anthracene	17.066	178	34868	0.622	ng		98
28) Fluoranthene	19.003	202	607264	8.669	ng		100
30) Pyrene	19.365	202	512045	5.359	ng	#	94
32) Benzo(a)anthracene	21.121	228	299521	3.870	ng		98
33) Chrysene	21.175	228	311408	4.048	ng		98
34) Bis(2-ethylhexyl)phtha...	21.085	149	59007	1.204	ng	#	85
36) Indeno(1,2,3-cd)pyrene	25.452	276	189648	1.908	ng		94
37) Benzo(b)fluoranthene	22.662	252	423498	4.736	ng	#	93
38) Benzo(k)fluoranthene	22.823	252	44983	0.511	ng		93
39) Benzo(a)pyrene	23.118	252	198534	2.683	ng		93
40) Dibenzo(a,h)anthracene	25.463	278	44685	0.562	ng		97
41) Benzo(g,h,i)perylene	26.106	276	181894	2.140	ng		98

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

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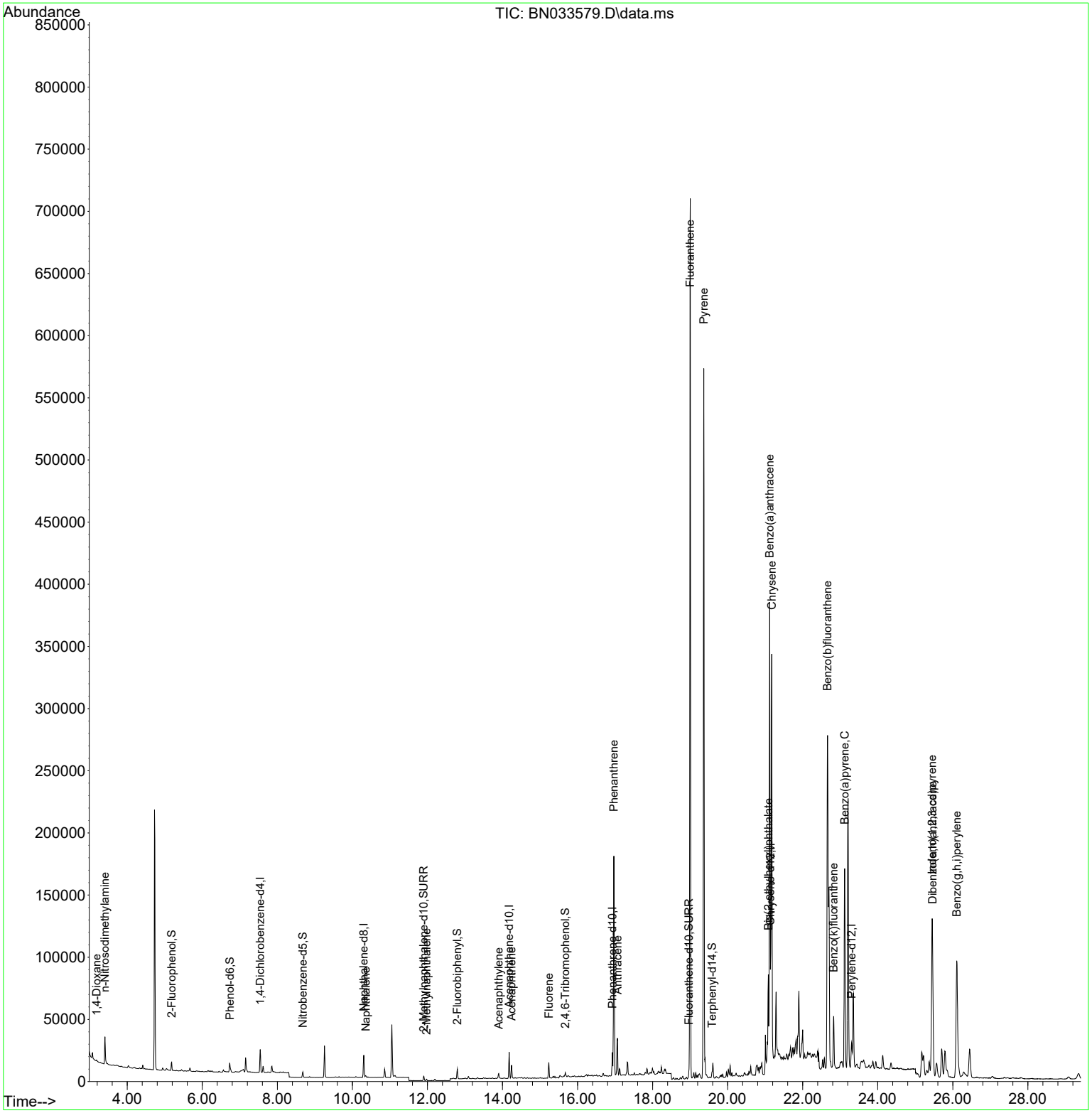
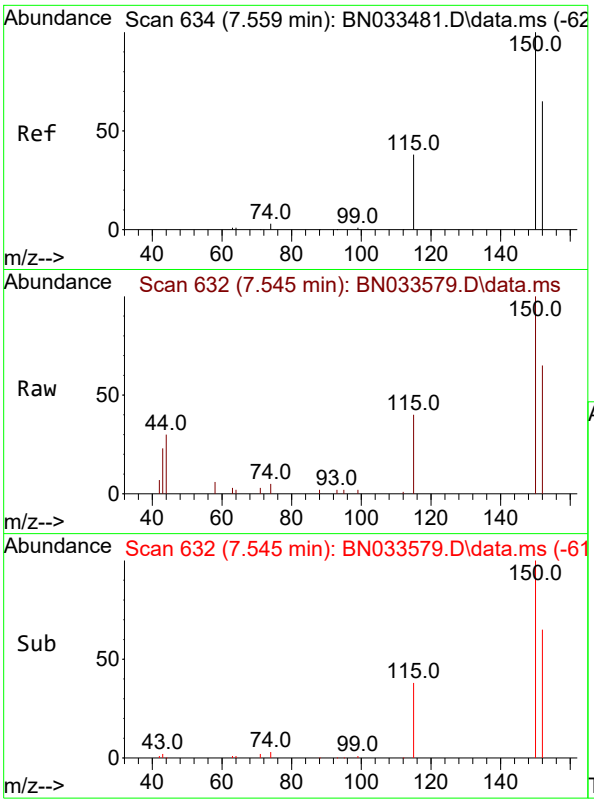


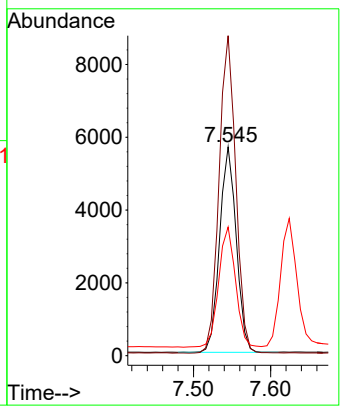


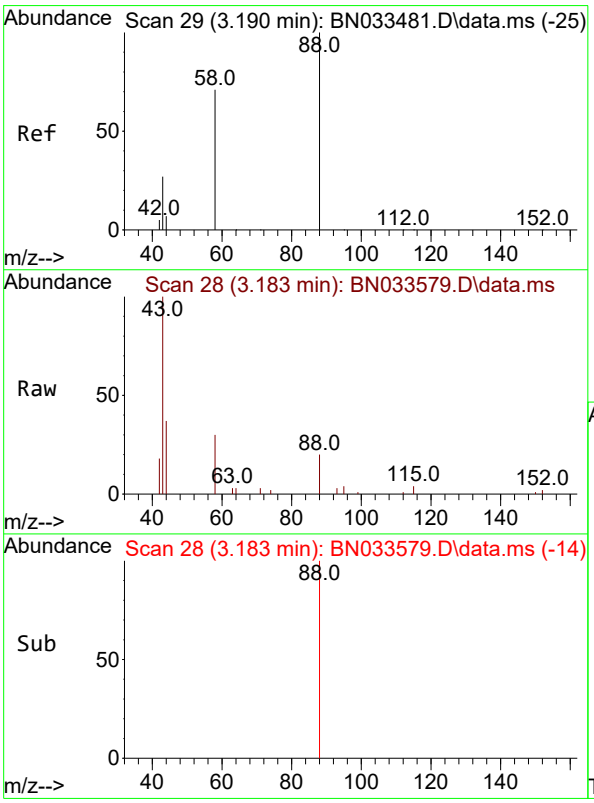
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:152 Resp: 8470

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.2
115	61.6	47.2	70.8

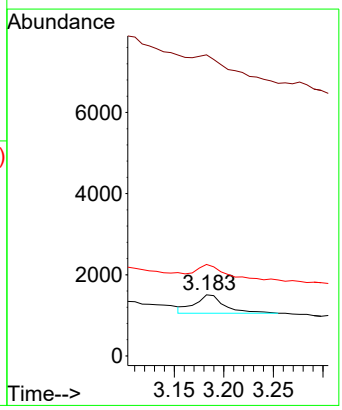


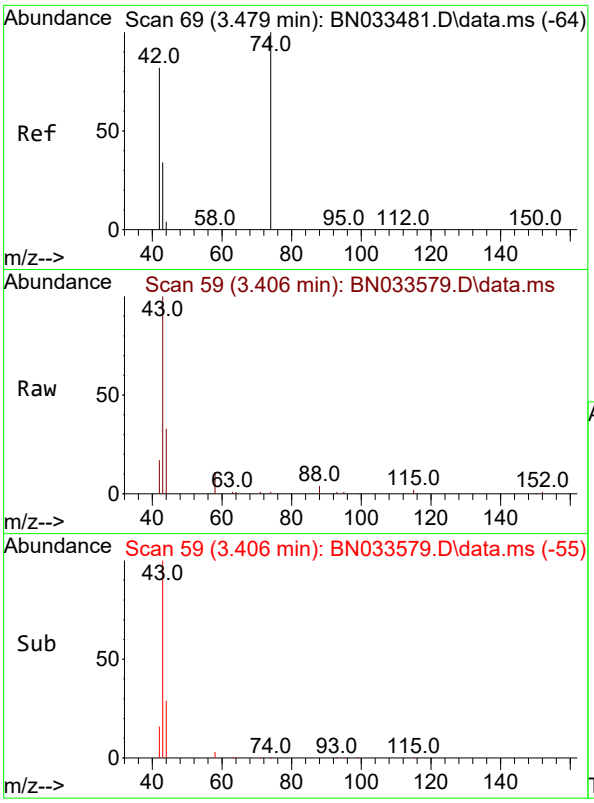


#2
1,4-Dioxane
Concen: 0.099 ng
RT: 3.183 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion: 88 Resp: 962

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.0	37.4#
58	80.4	62.5	93.7



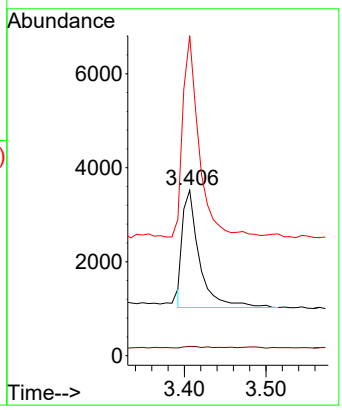


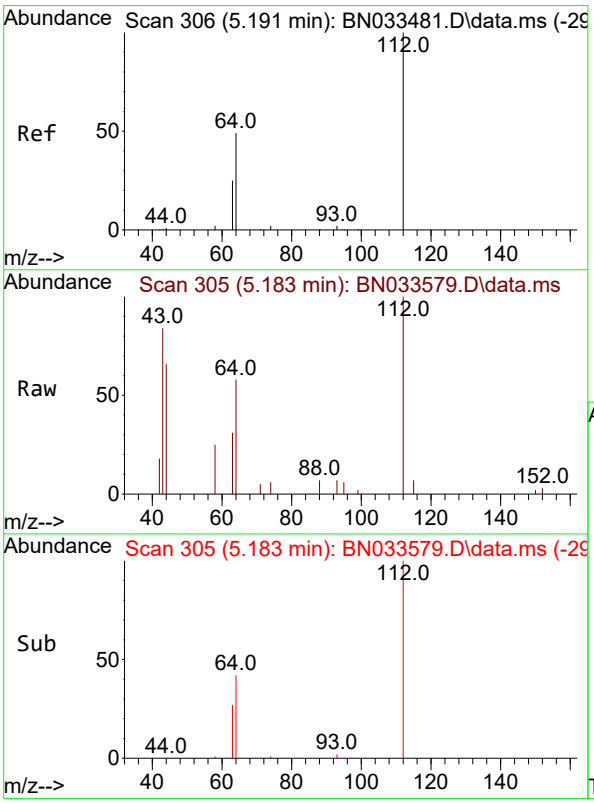
#3
n-Nitrosodimethylamine
Concen: 0.317 ng
RT: 3.406 min Scan# 5
Delta R.T. -0.072 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion: 42 Resp: 3596

Ion	Ratio	Lower	Upper
42	100		
74	1.7	100.2	150.2#
44	155.6	5.3	7.9#

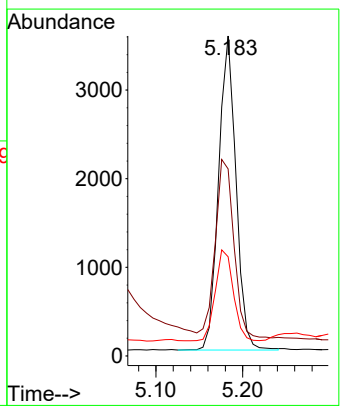


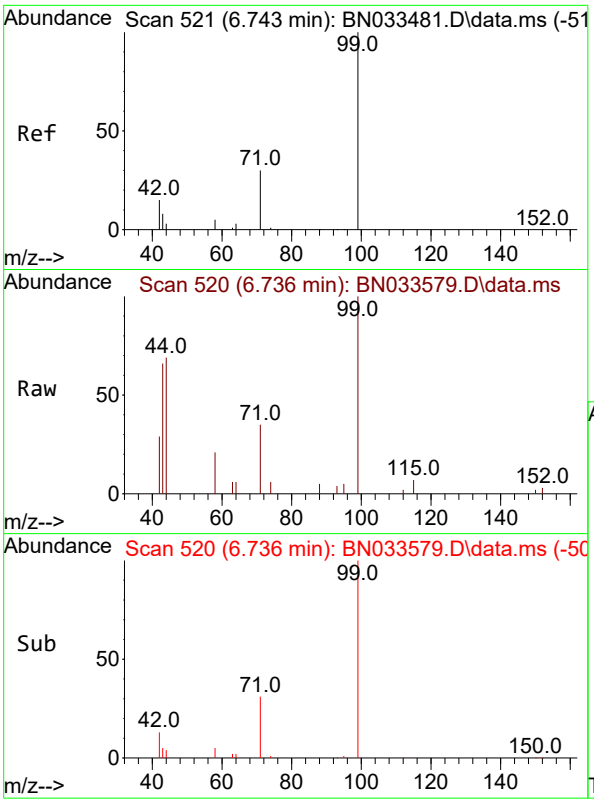


#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:112 Resp: 4920

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.1	70.7
63	30.0	24.9	37.3



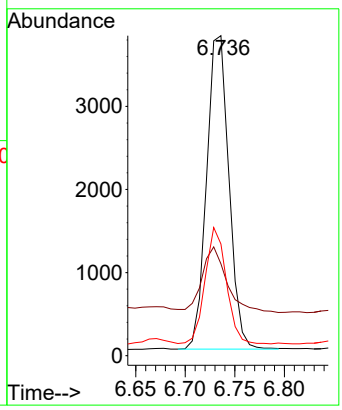


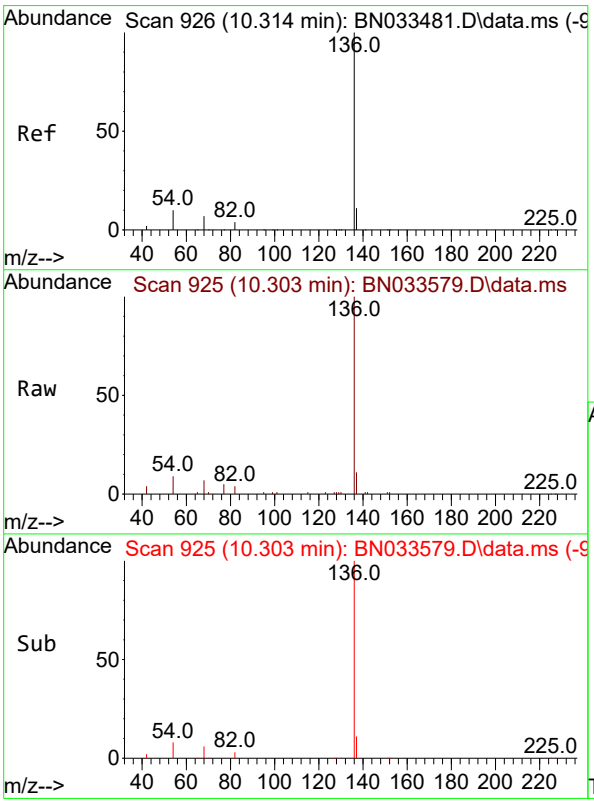
#5
Phenol-d6
Concen: 0.184 ng
RT: 6.736 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion: 99 Resp: 5906

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

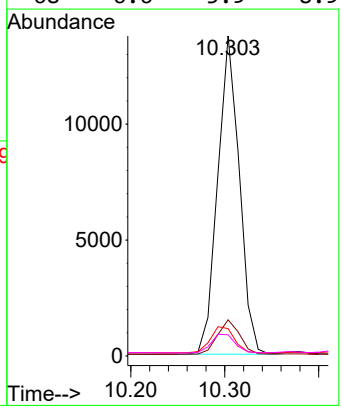


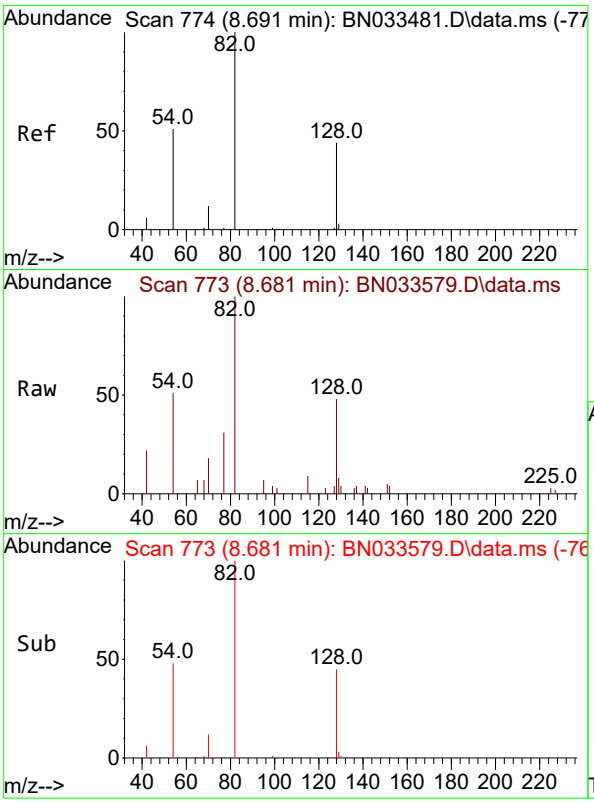


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.303 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:136 Resp: 22042

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.5	8.3	12.5
68	6.6	5.9	8.9



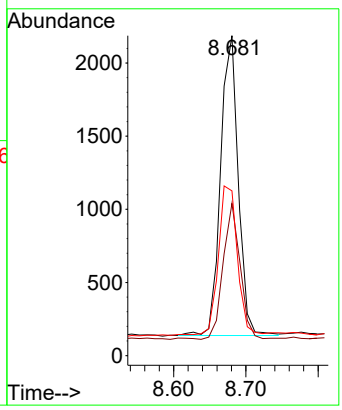


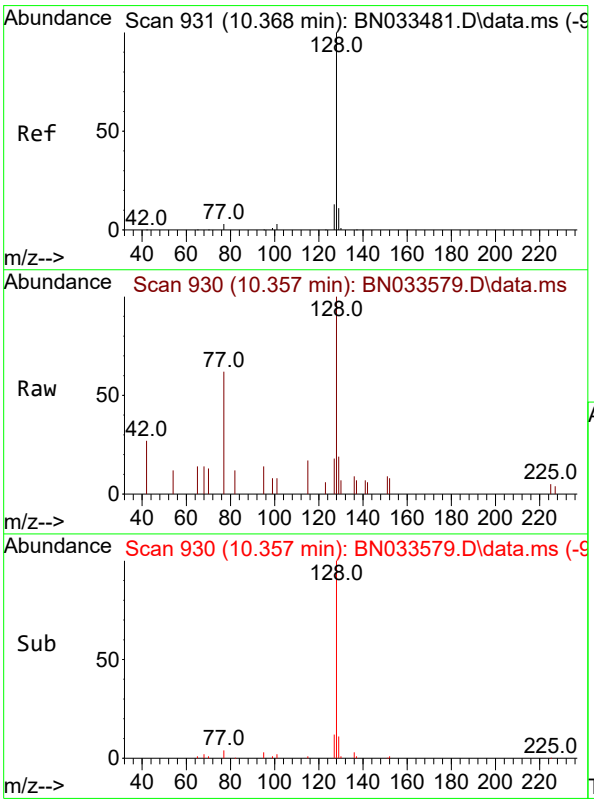
#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 8.681 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion: 82 Resp: 3473

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.0	54.0
54	51.5	42.0	63.0

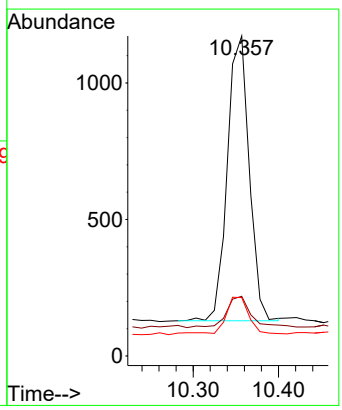


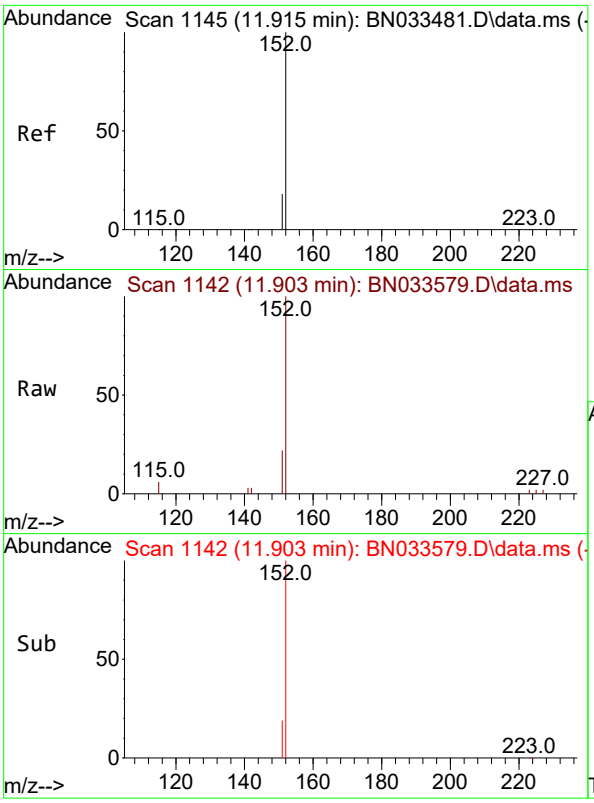


#9
Naphthalene
Concen: 0.031 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:128 Resp: 1855

Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.1	13.7#
127	18.3	10.7	16.1#



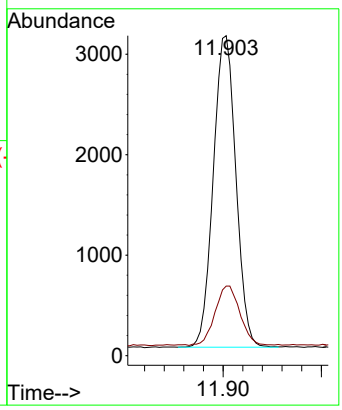


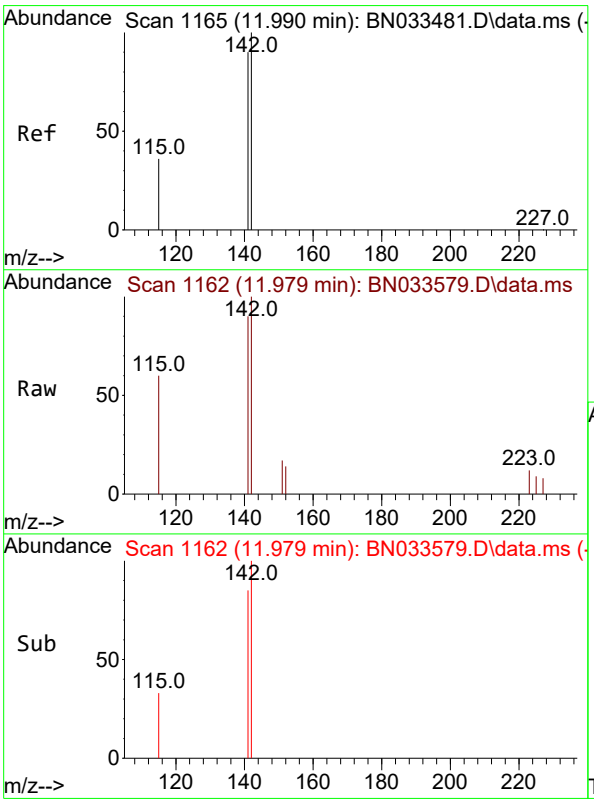
#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 11.903 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:152 Resp: 4956

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0

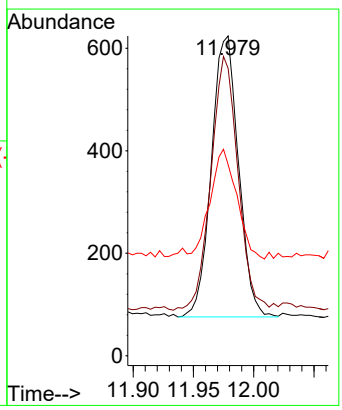


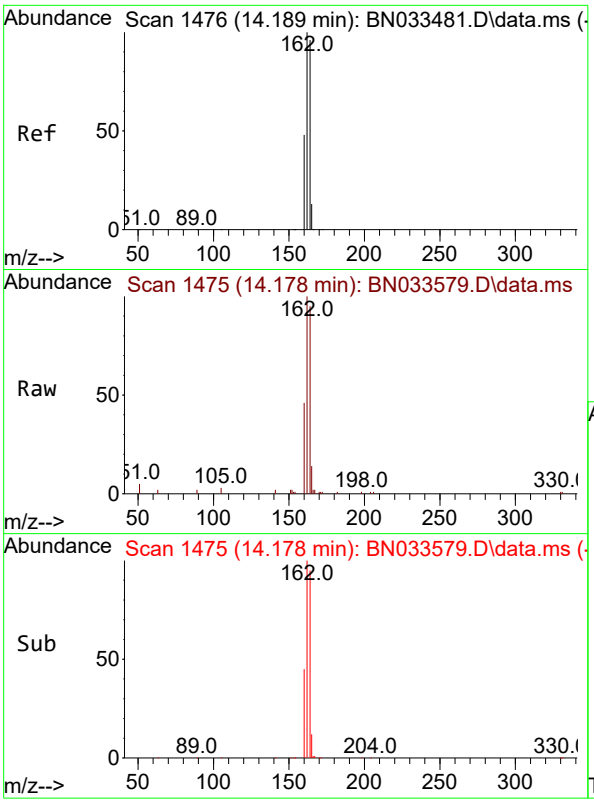


#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 11.979 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:142 Resp: 858

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.7	107.5
115	59.8	29.4	44.2#



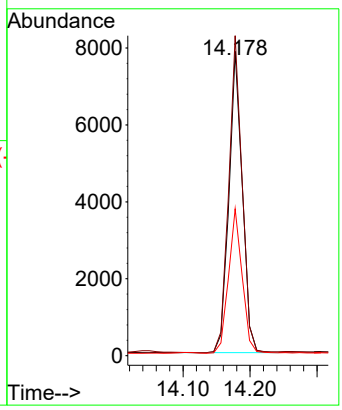


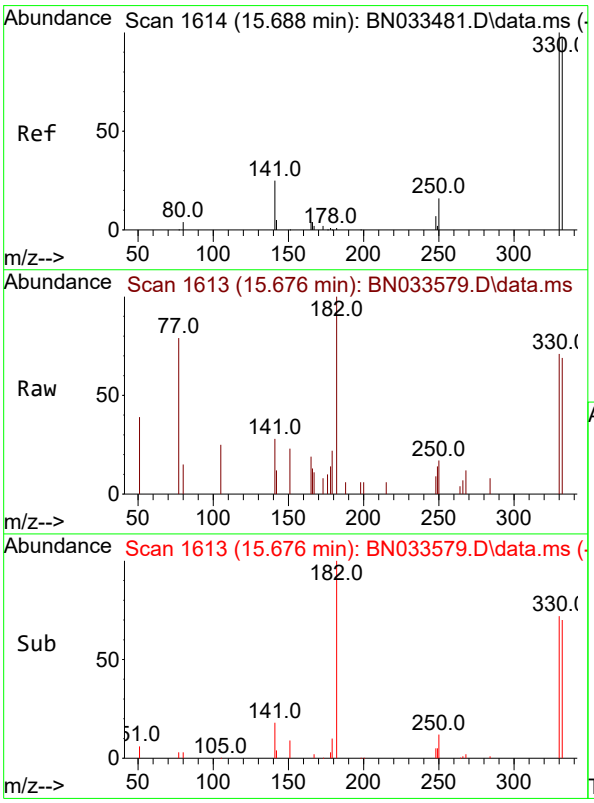
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:164 Resp: 10897

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.5	125.3
160	48.3	40.2	60.4

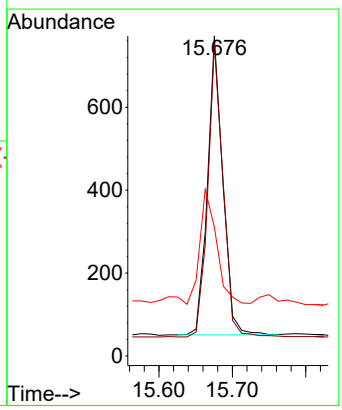


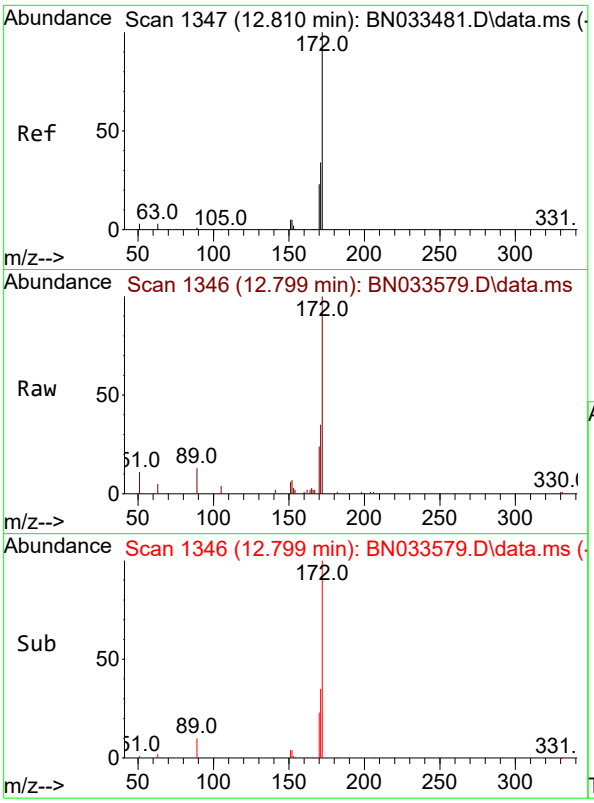


#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:330 Resp: 1044

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.5	116.3
141	42.9	33.9	50.9



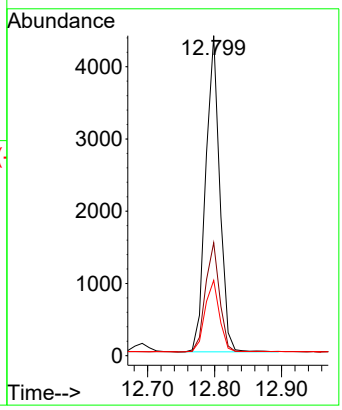


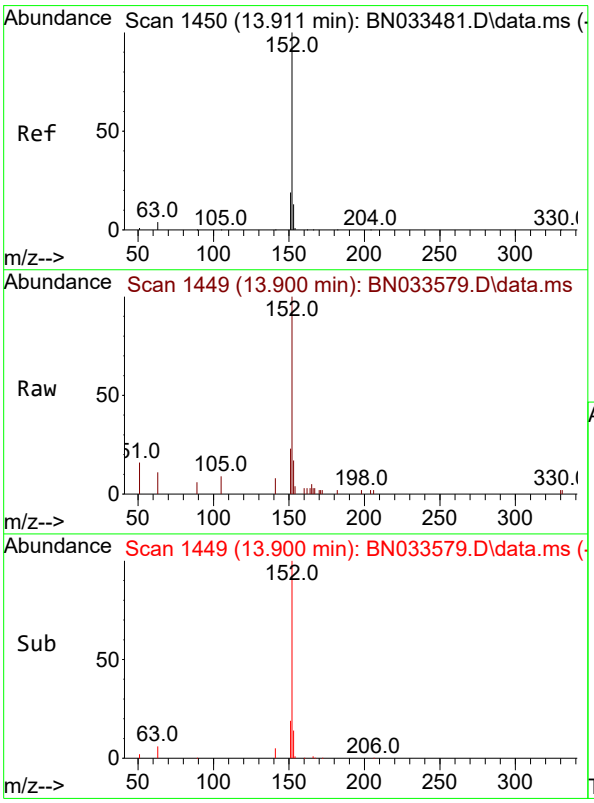
#15
2-Fluorobiphenyl
Concen: 0.142 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:172 Resp: 6342

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.7	41.5
170	23.5	18.3	27.5

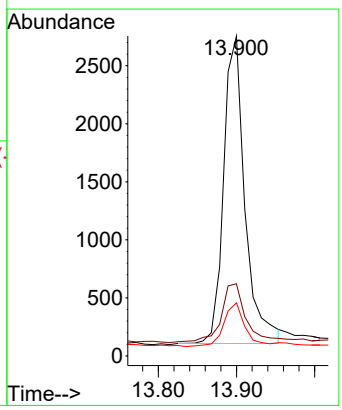


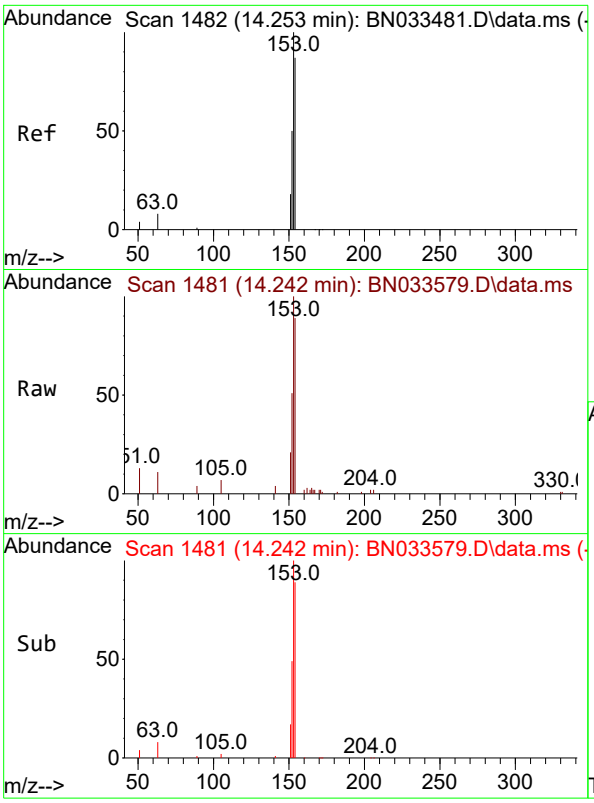


#16
Acenaphthylene
Concen: 0.105 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:152 Resp: 5025

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.7	23.5
153	14.1	10.3	15.5



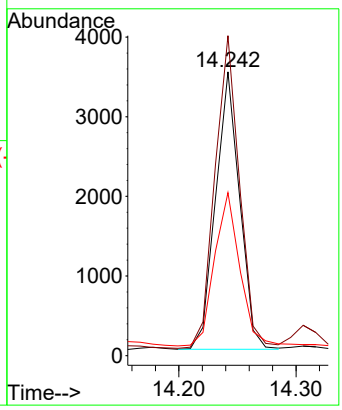


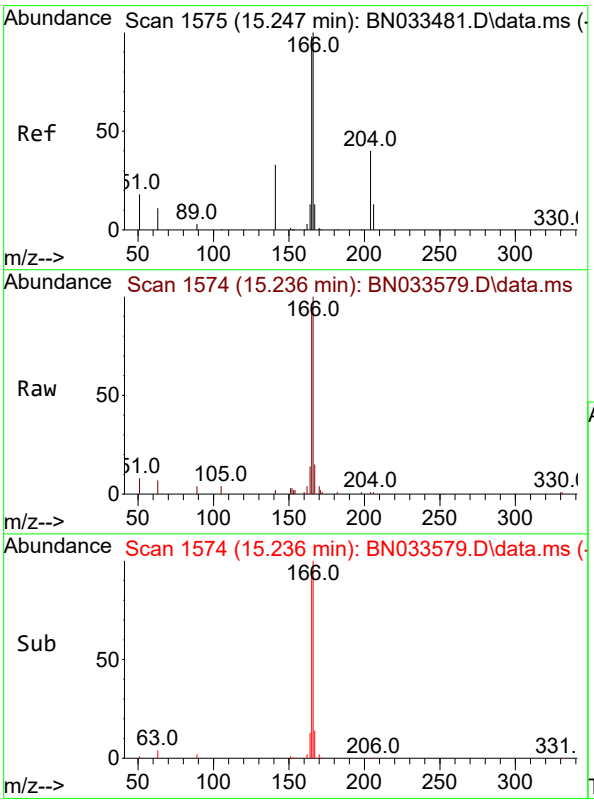
#17
Acenaphthene
Concen: 0.148 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:154 Resp: 4966

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.0	133.6
152	58.2	45.2	67.8

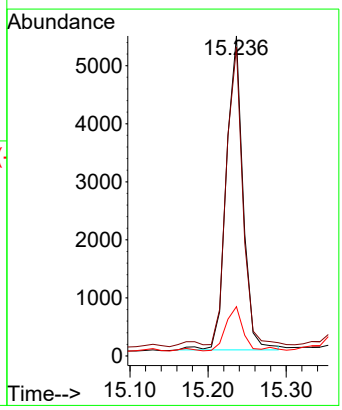


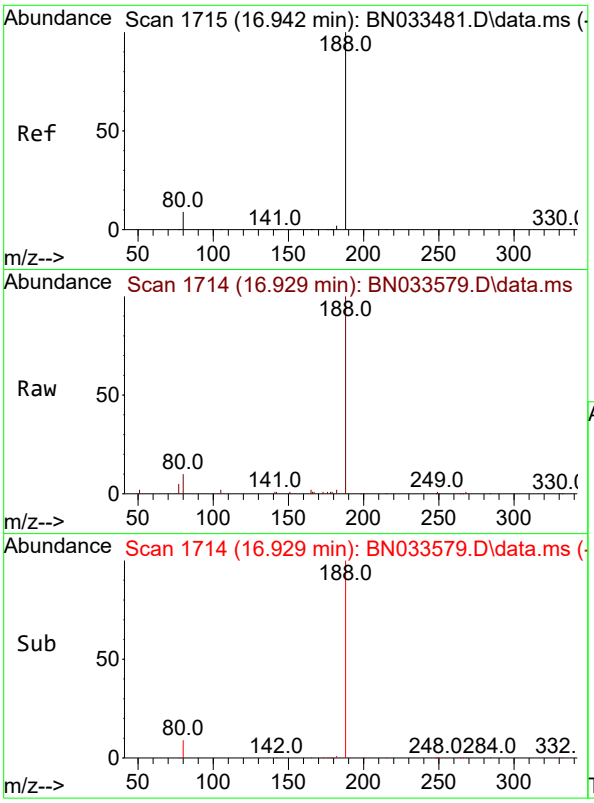


#18
Fluorene
Concen: 0.189 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:166 Resp: 7989

Ion	Ratio	Lower	Upper
166	100		
165	92.3	78.2	117.4
167	14.3	10.6	16.0



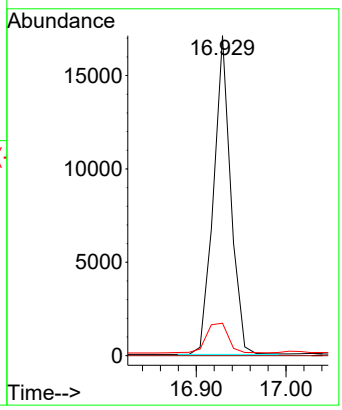


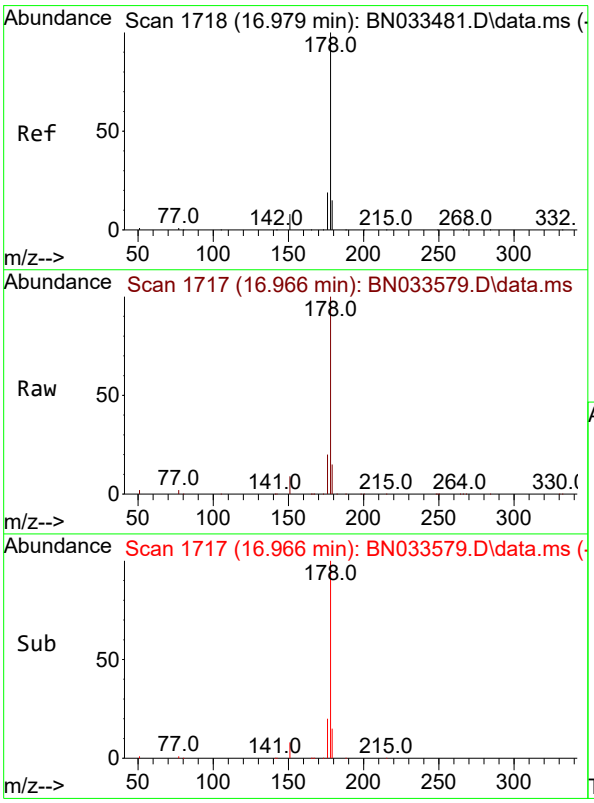
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:188 Resp: 22785

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.8	11.8

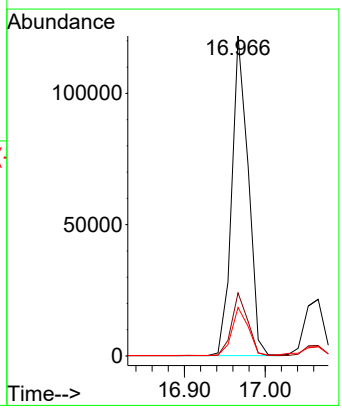


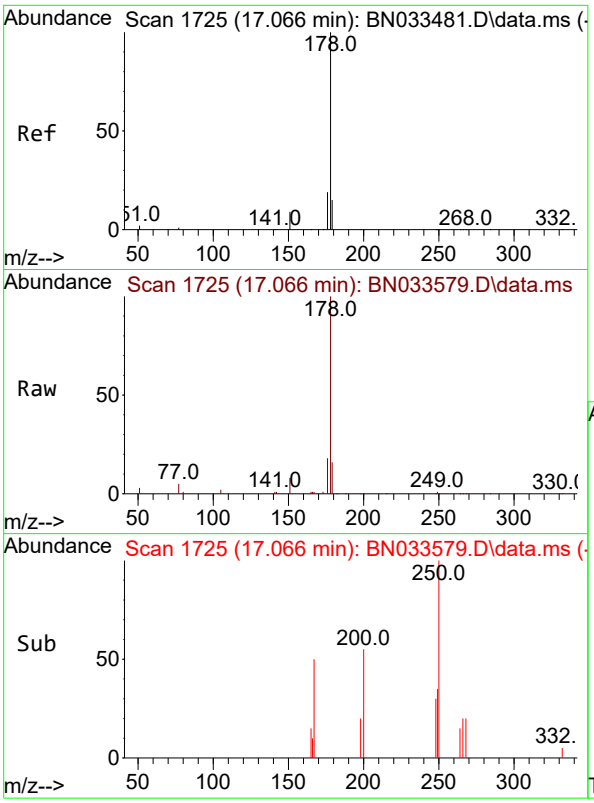


#25
Phenanthrene
Concen: 2.696 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:178 Resp: 170888

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.3	18.5



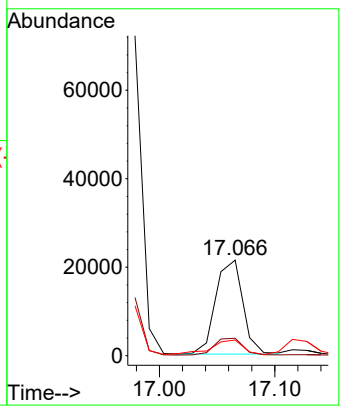


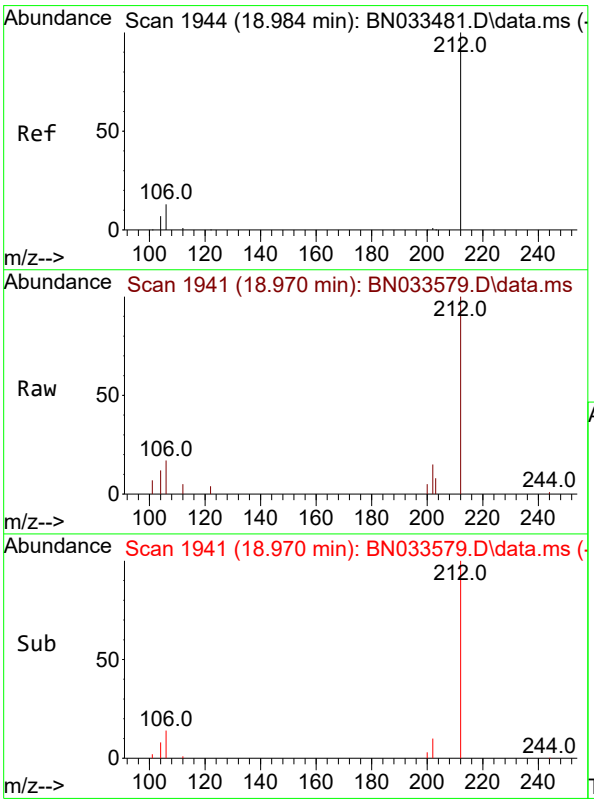
#26
Anthracene
Concen: 0.622 ng
RT: 17.066 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:178 Resp: 34868

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	17.3	12.4	18.6

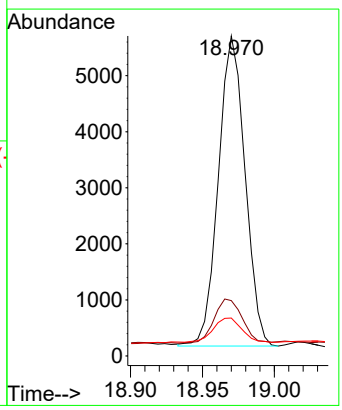


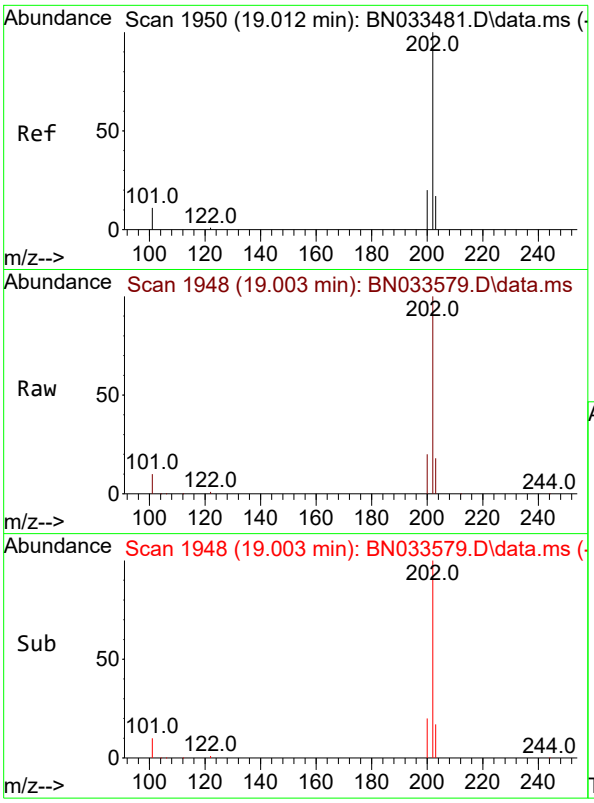


#27
Fluoranthene-d10
Concen: 0.130 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:212 Resp: 7143

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.3	18.5
104	9.4	7.0	10.4



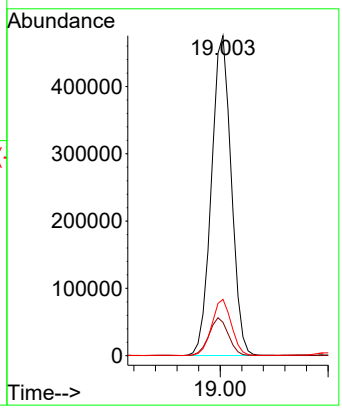


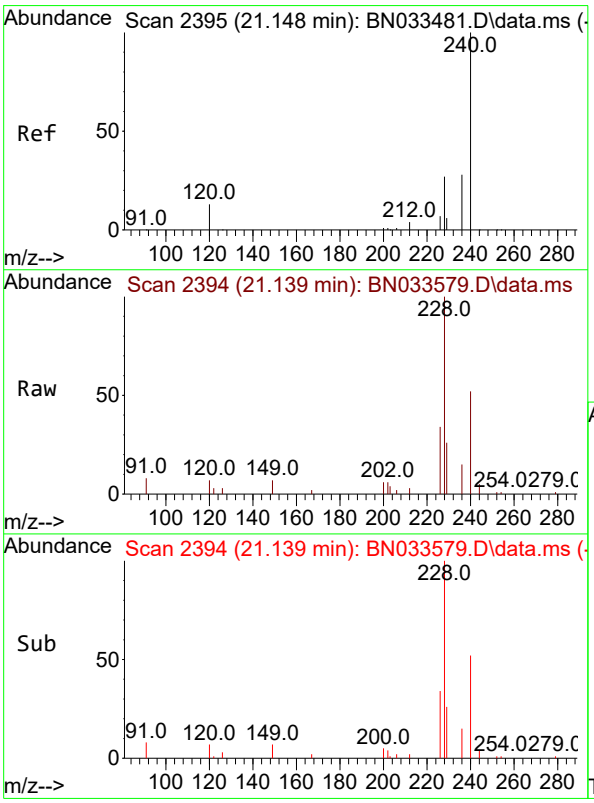
#28
Fluoranthene
Concen: 8.669 ng
RT: 19.003 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:202 Resp: 607264

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

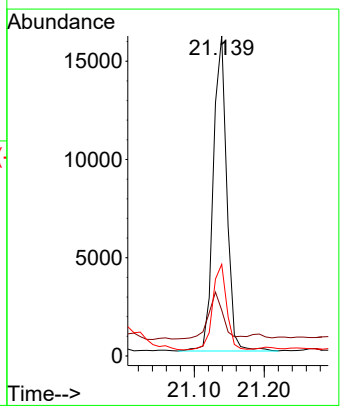


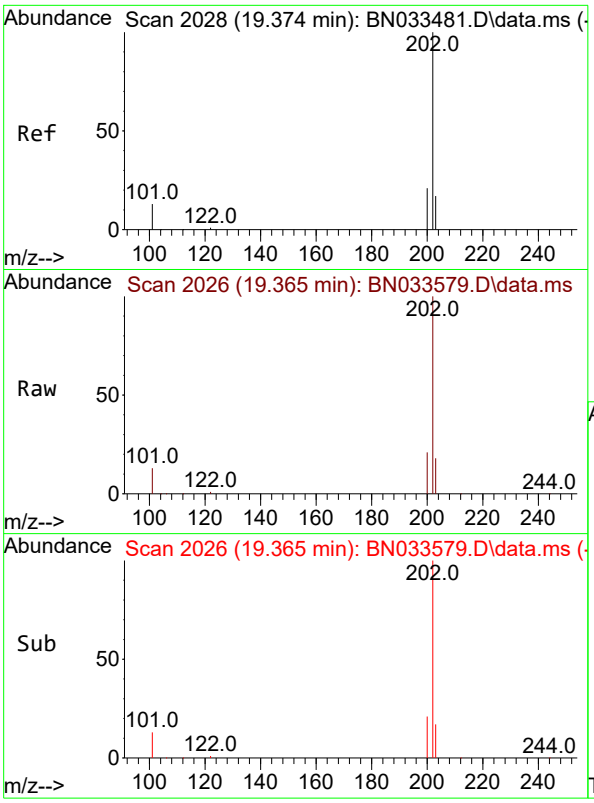


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:240 Resp: 21407

Ion	Ratio	Lower	Upper
240	100		
120	14.3	12.4	18.6
236	28.6	23.0	34.6



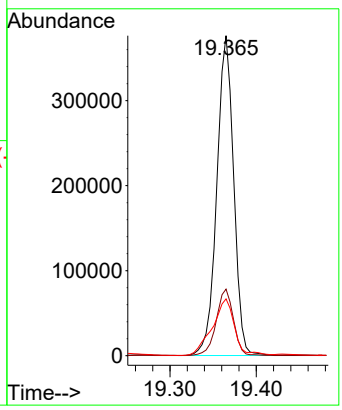


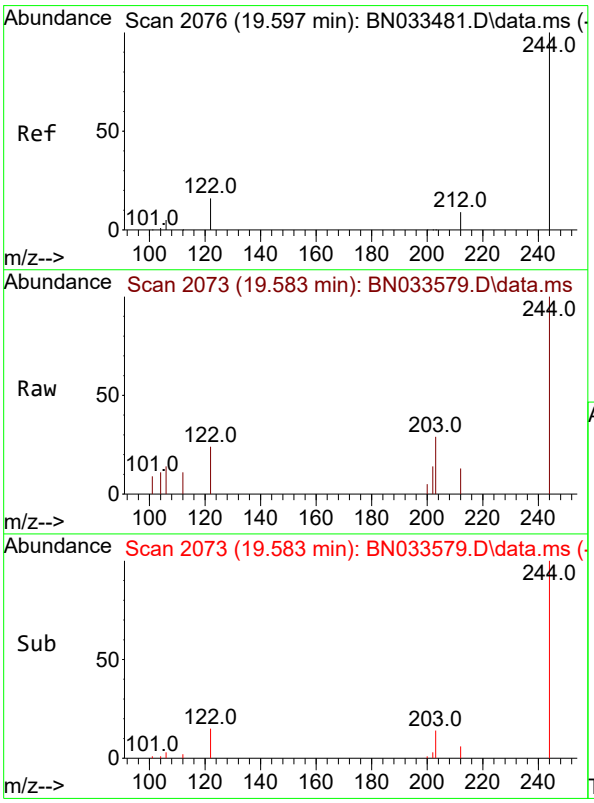
#30
Pyrene
Concen: 5.359 ng
RT: 19.365 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:202 Resp: 512045

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	23.0	14.2	21.4#

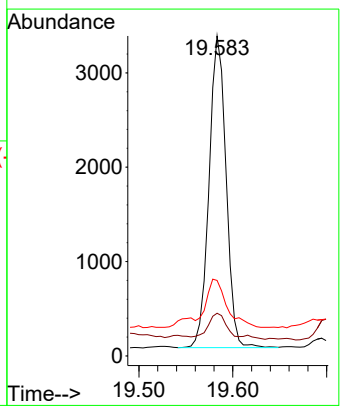


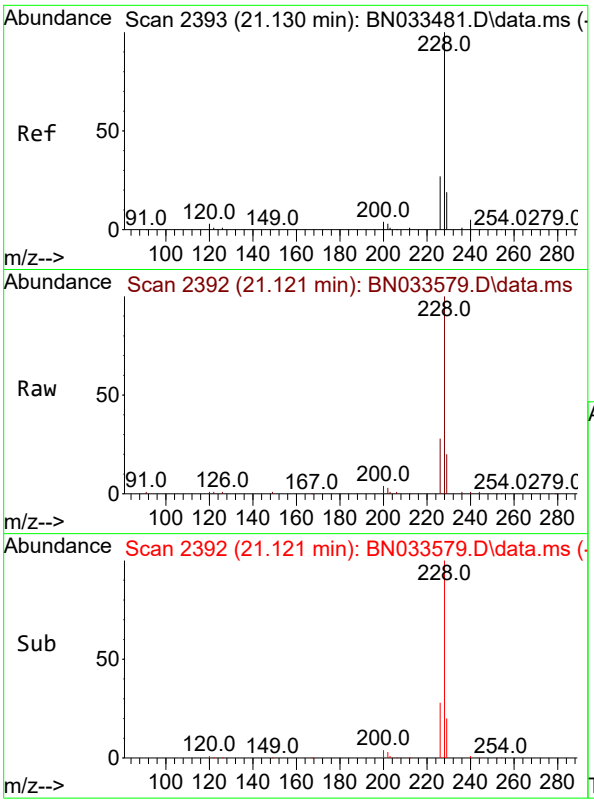


#31
Terphenyl-d14
Concen: 0.086 ng
RT: 19.583 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:244 Resp: 4162

Ion	Ratio	Lower	Upper
244	100		
212	13.3	7.8	11.6#
122	23.6	13.3	19.9#



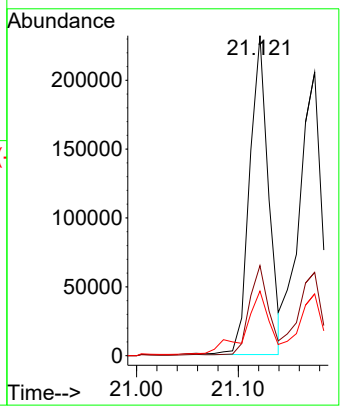


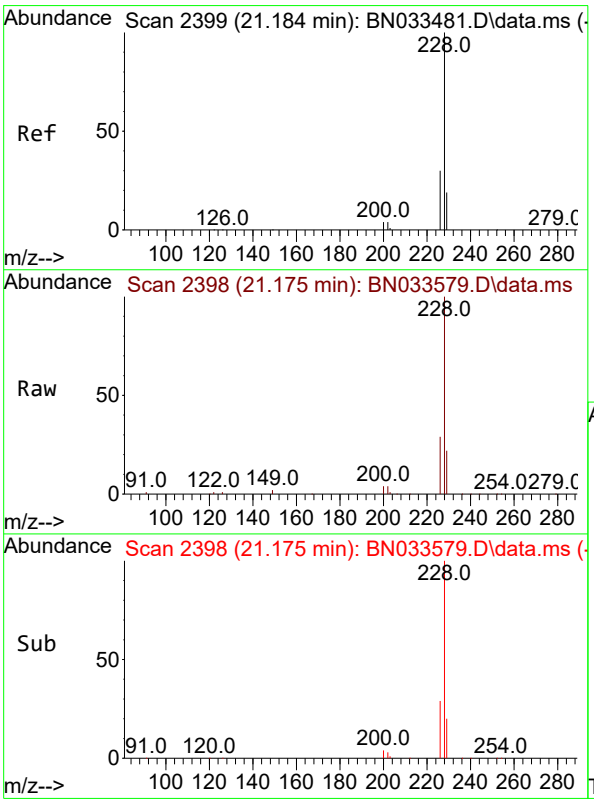
#32
Benzo(a)anthracene
Concen: 3.870 ng
RT: 21.121 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:228 Resp: 299521

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	20.2	15.8	23.6

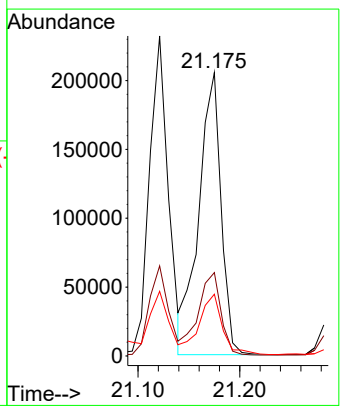


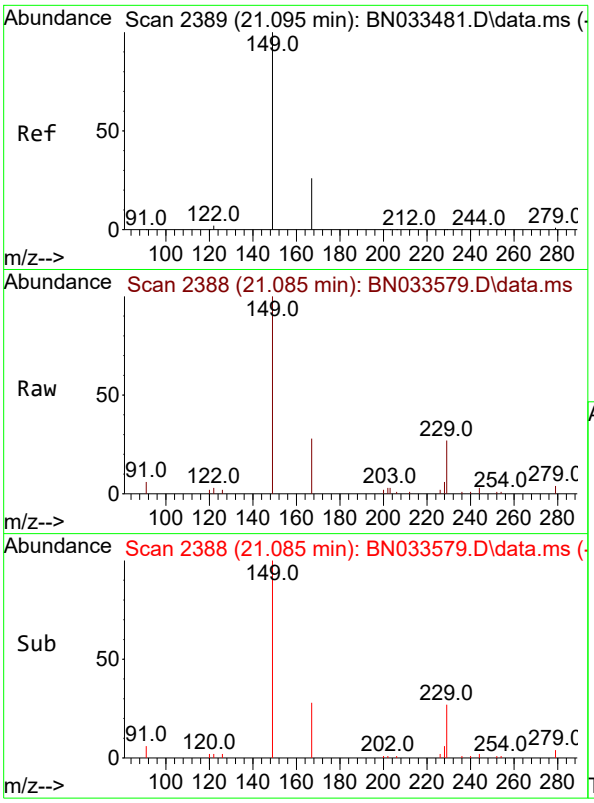


#33
Chrysene
Concen: 4.048 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:228 Resp: 311408

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	21.8	15.6	23.4



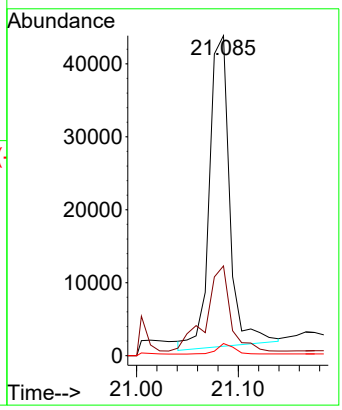


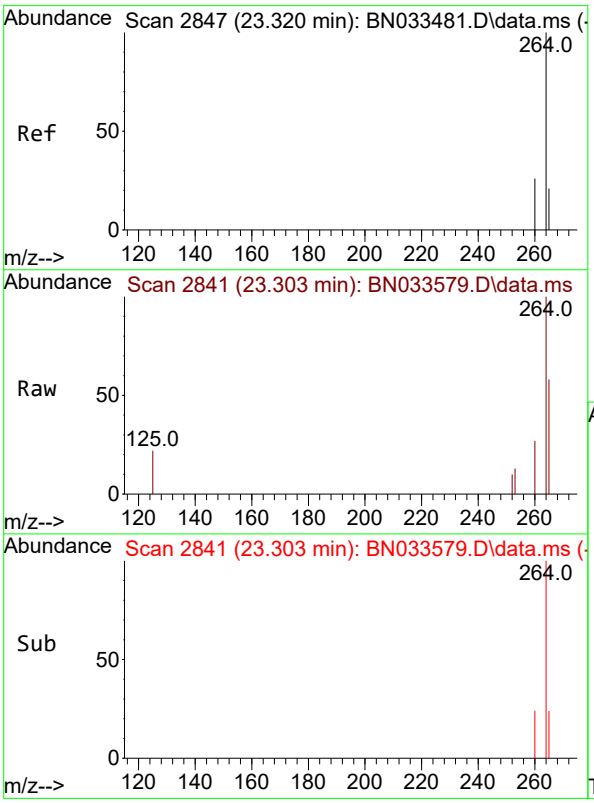
#34
Bis(2-ethylhexyl)phthalate
Concen: 1.204 ng
RT: 21.085 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:149 Resp: 59007

Ion	Ratio	Lower	Upper
149	100		
167	35.3	21.5	32.3#
279	3.3	2.2	3.2#

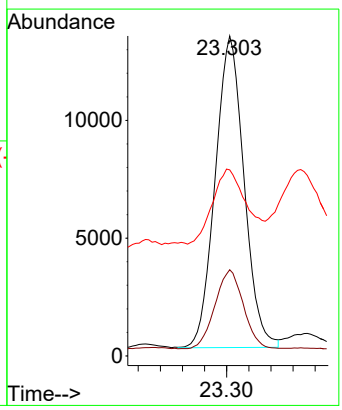


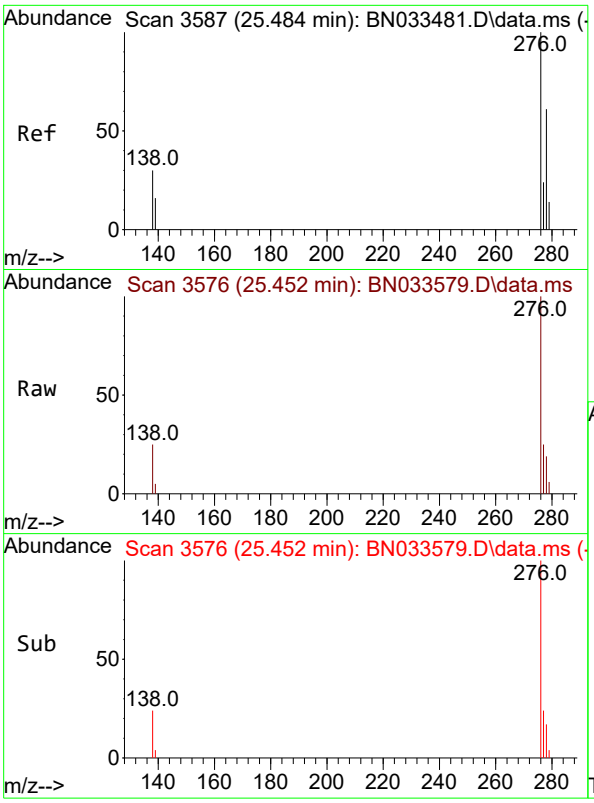


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.303 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:264 Resp: 23944

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	58.2	52.2	78.2



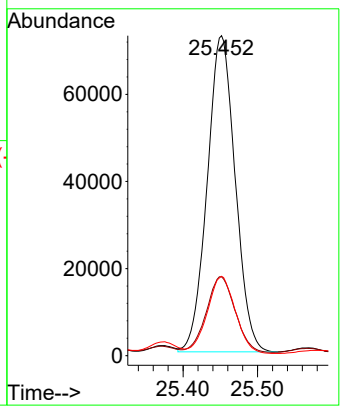


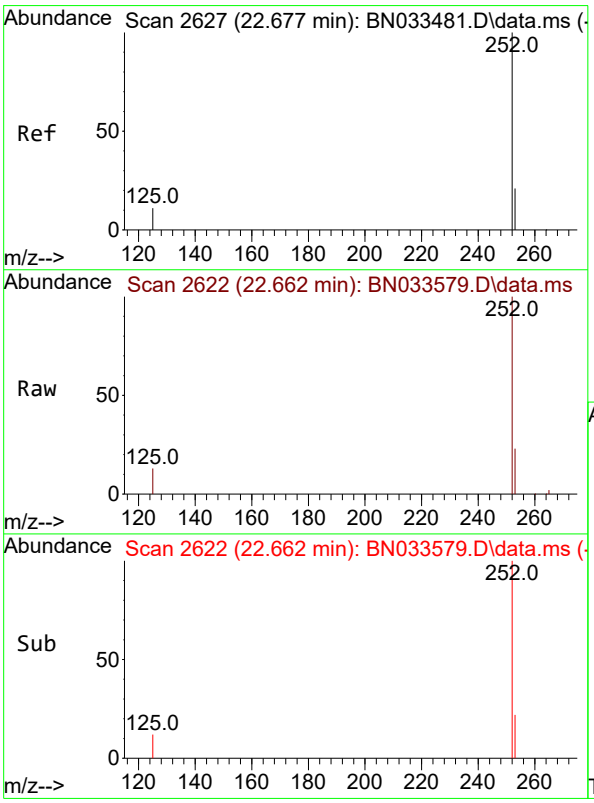
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.908 ng
RT: 25.452 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:276 Resp: 189648

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

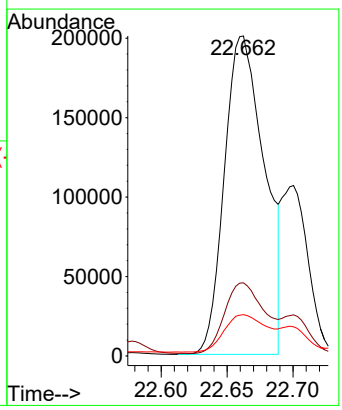


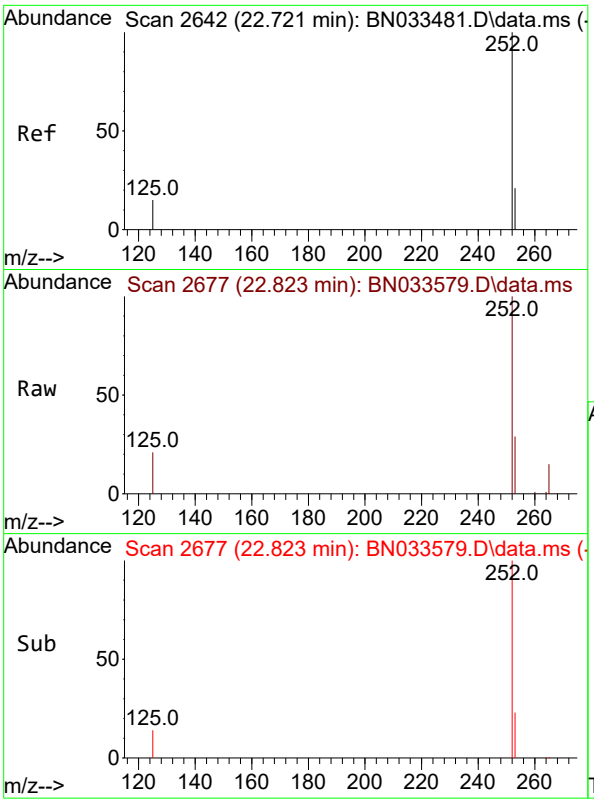


#37
Benzo(b)fluoranthene
Concen: 4.736 ng
RT: 22.662 min Scan# 2622
Delta R.T. 0.003 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:252 Resp: 423498

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.8	29.8
125	12.9	13.9	20.9#



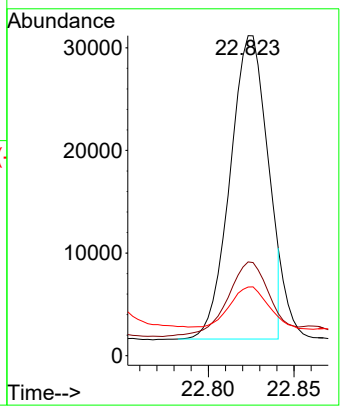


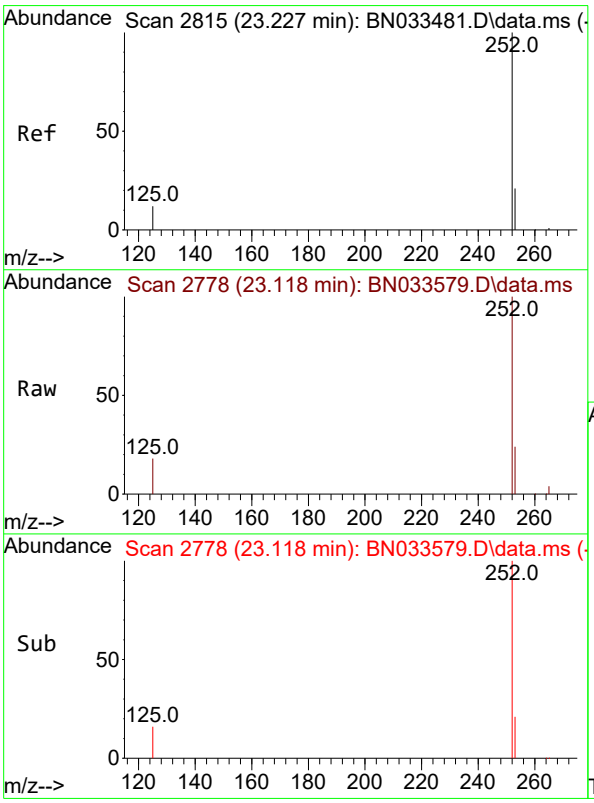
#38
Benzo(k)fluoranthene
Concen: 0.511 ng
RT: 22.823 min Scan# 2
Delta R.T. 0.120 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:252 Resp: 44983

Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.8	29.8
125	21.4	15.8	23.8

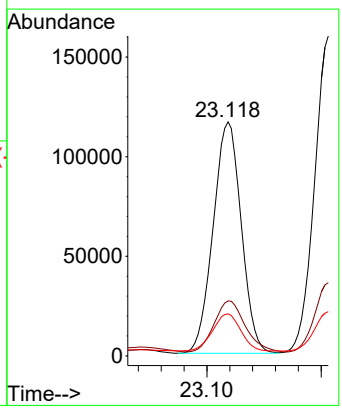


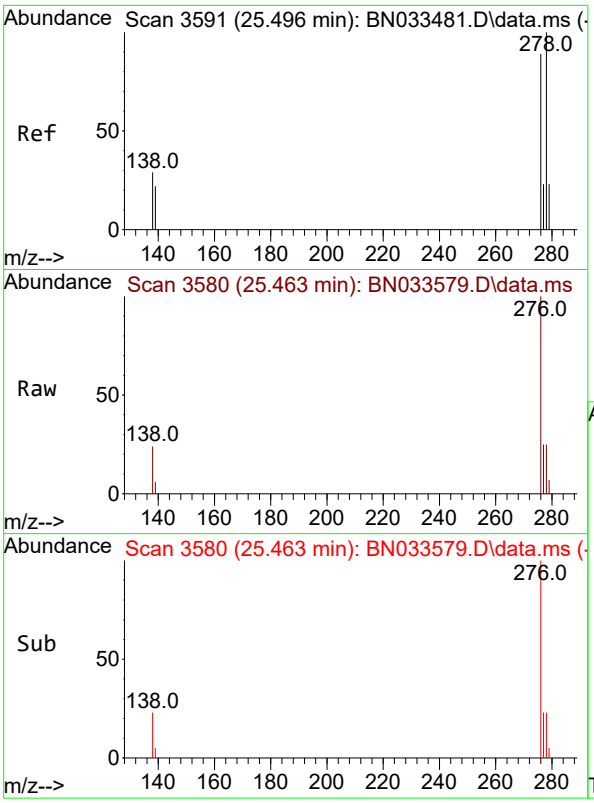


#39
Benzo(a)pyrene
Concen: 2.683 ng
RT: 23.118 min Scan# 2778
Delta R.T. -0.091 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:252 Resp: 198534

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.5	32.3
125	18.0	17.0	25.4



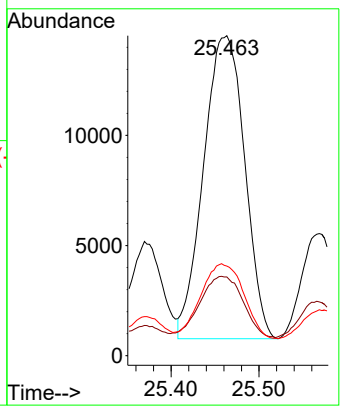


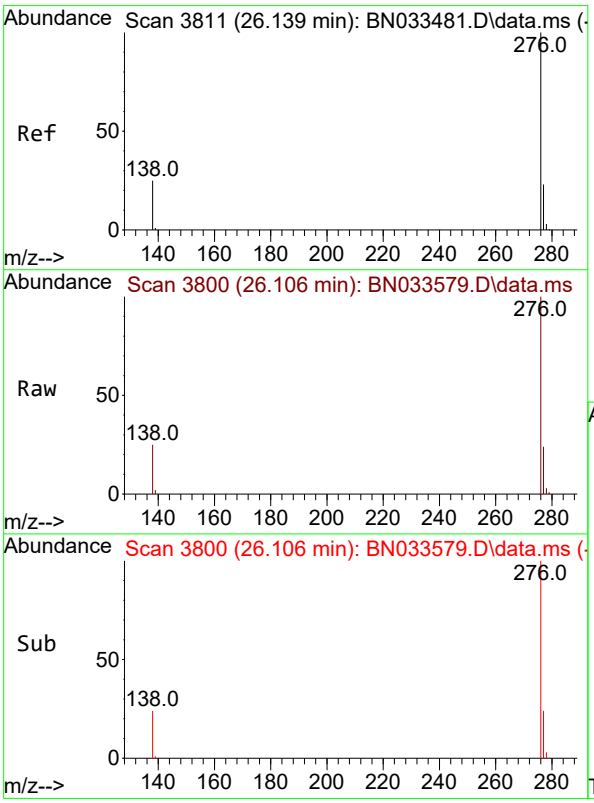
#40
Dibenzo(a,h)anthracene
Concen: 0.562 ng
RT: 25.463 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Tgt Ion:278 Resp: 44685

Ion	Ratio	Lower	Upper
278	100		
139	24.6	19.1	28.7
279	28.0	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 2.140 ng
RT: 26.106 min Scan# 3800
Delta R.T. 0.003 min
Lab File: BN033579.D
Acq: 23 Aug 2024 07:42

Tgt Ion:276 Resp: 181894

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.7	29.5
138	25.3	21.8	32.6