Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028940.D
Acq On : 01 Dec 2023 10:42
Operator : MA/JU
Sample : PB157141BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 01 14:24:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4095	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	10080	0.400	ng	# 0.00
13) Acenaphthene-d10	14.428	164	3888	0.400	ng	0.00
19) Phenanthrene-d10	17.184	188	7061	0.400	ng	0.00
29) Chrysene-d12	21.383	240	4502	0.400	ng	# 0.00
35) Perylene-d12	23.716	264	4393	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	4712	0.380	ng	-0.02
5) Phenol-d6	7.024	99	4866	0.354	ng	-0.02
8) Nitrobenzene-d5	8.971	82	3044	0.304	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	4796	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	583	0.222	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6001	0.357	ng	-0.01
27) Fluoranthene-d10	19.213	212	6948	0.374	ng	0.00
31) Terphenyl-d14	19.822	244	4955	0.391	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.759	42	14336	2.369	ng	# 18
16) Acenaphthylene	14.150	152	12440	0.604	ng	97
17) Acenaphthene	14.492	154	1353	0.099	ng	# 86
18) Fluorene	15.497	166	1516	0.088	ng	# 11
25) Phenanthrene	17.221	178	518	0.022	ng	# 63
28) Fluoranthene	19.246	202	1018	0.042	ng	95
30) Pyrene	19.608	202	1811	0.147	ng	# 72
32) Benzo(a)anthracene	21.365	228	1179	0.062	ng	# 1
33) Chrysene	21.409	228	1160	0.062	ng	# 1
37) Benzo(b)fluoranthene	23.006	252	479	0.027	ng	# 43
39) Benzo(a)pyrene	23.614	252	646	0.040	ng	# 61

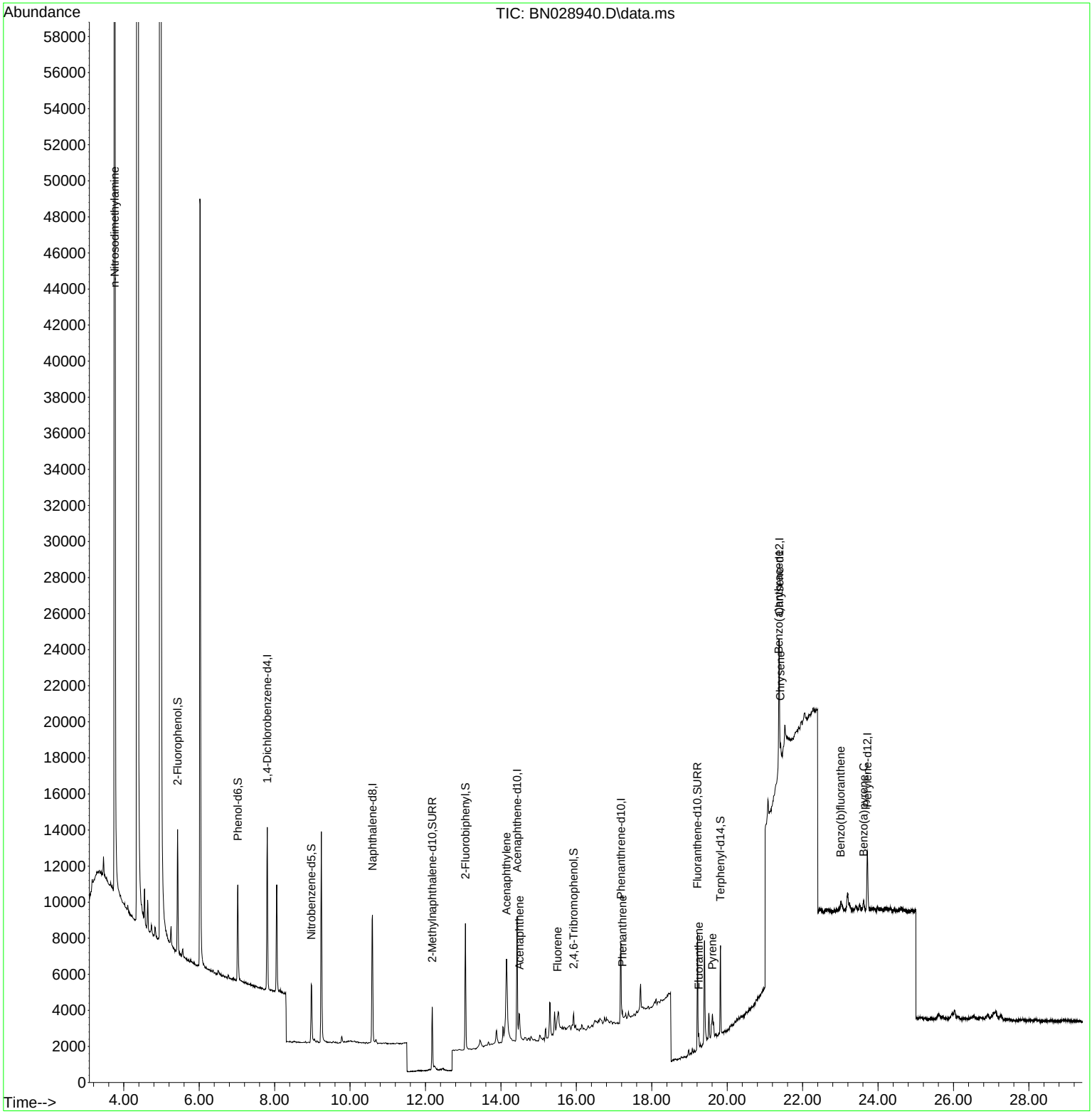
(#) = qualifier out of range (m) = manual integration (+) = signals summed

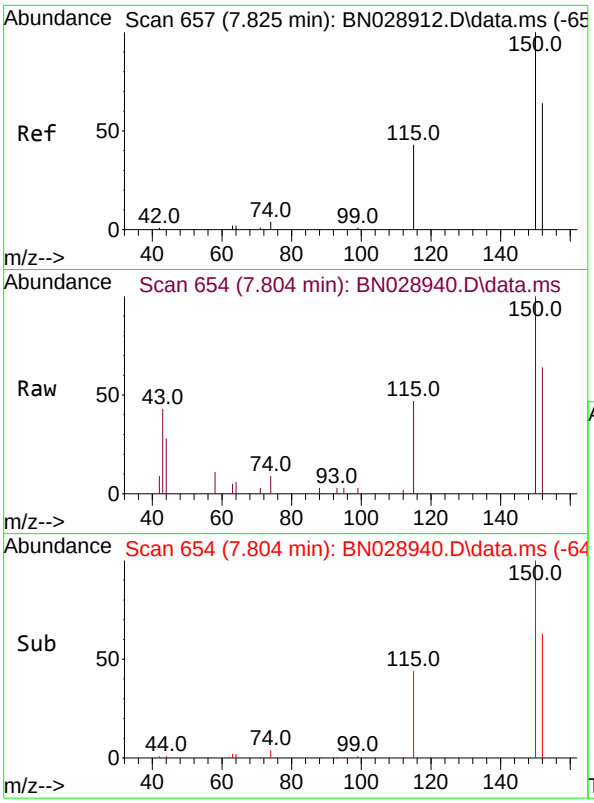
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028940.D
Acq On : 01 Dec 2023 10:42
Operator : MA/JU
Sample : PB157141BL
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 01 14:24:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration



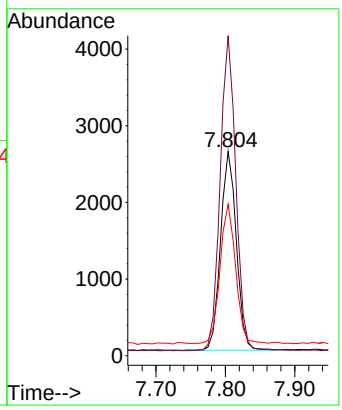


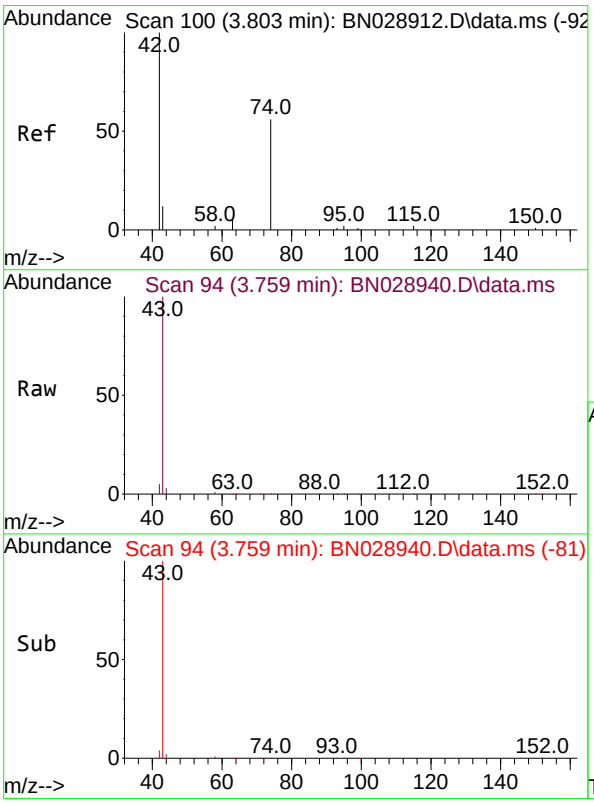
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4095

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.4	185.2
115	74.1	59.1	88.7

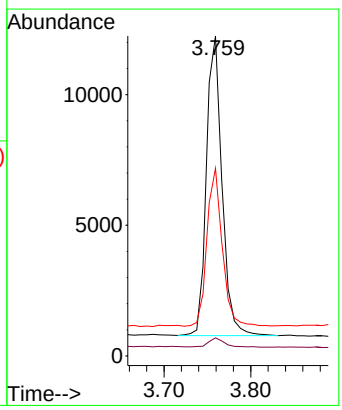


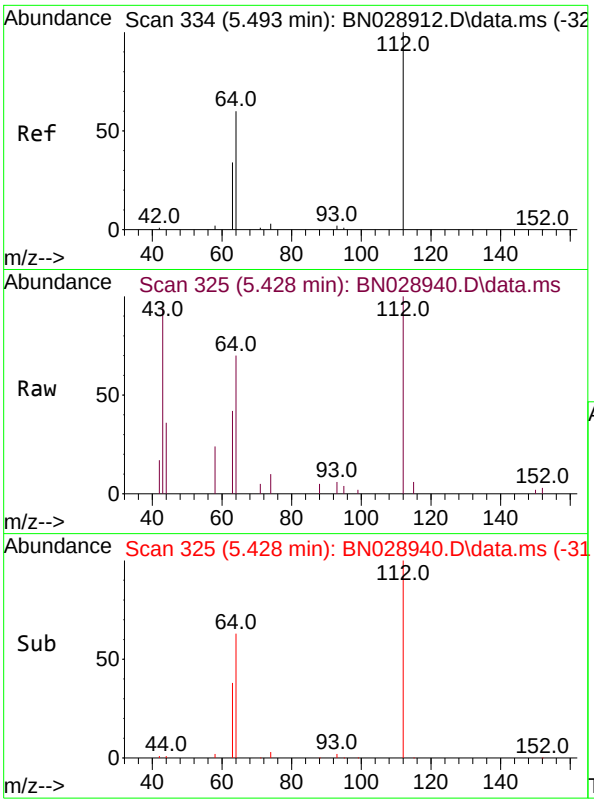


#3
n-Nitrosodimethylamine
Concen: 2.369 ng
RT: 3.759 min Scan# 94
Delta R.T. -0.007 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion: 42 Resp: 14336

Ion	Ratio	Lower	Upper
42	100		
74	3.2	57.0	85.6#
44	51.7	0.0	0.0#



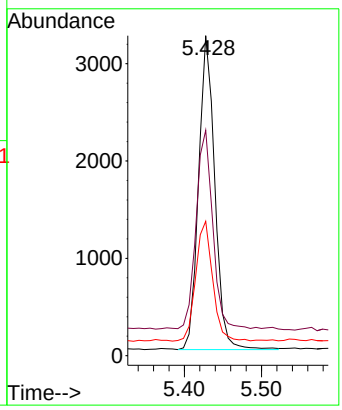


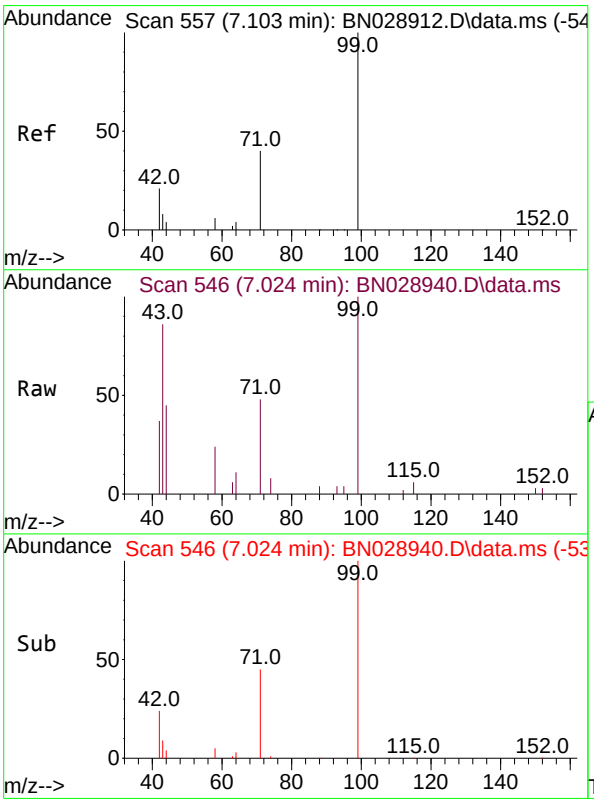
#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.428 min Scan# 3
Delta R.T. -0.022 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 4712

Ion	Ratio	Lower	Upper
112	100		
64	65.7	51.5	77.3
63	39.8	30.4	45.6

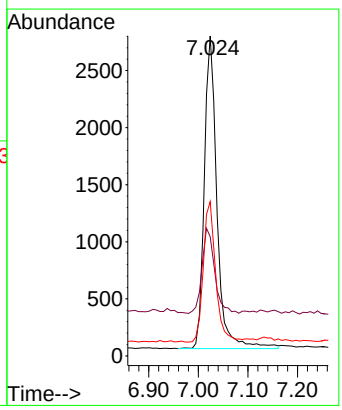


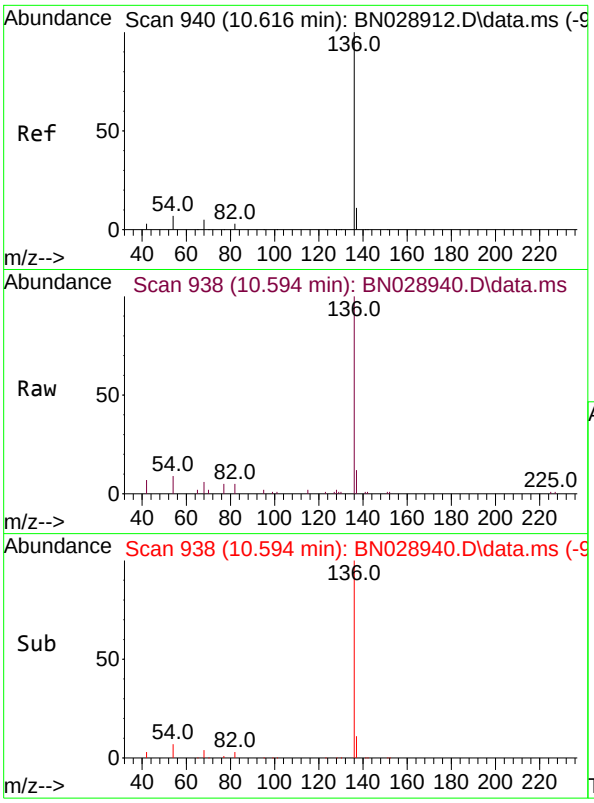


#5
Phenol-d6
Concen: 0.354 ng
RT: 7.024 min Scan# 546
Delta R.T. -0.022 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion: 99 Resp: 4866

Ion	Ratio	Lower	Upper
99	100		
42	27.1	21.2	31.8
71	43.9	35.4	53.0



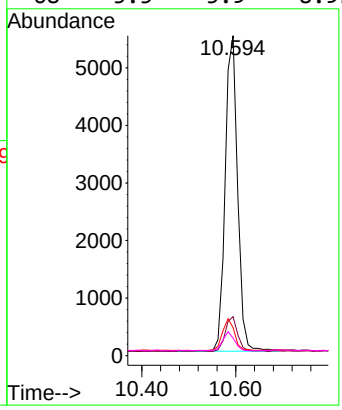


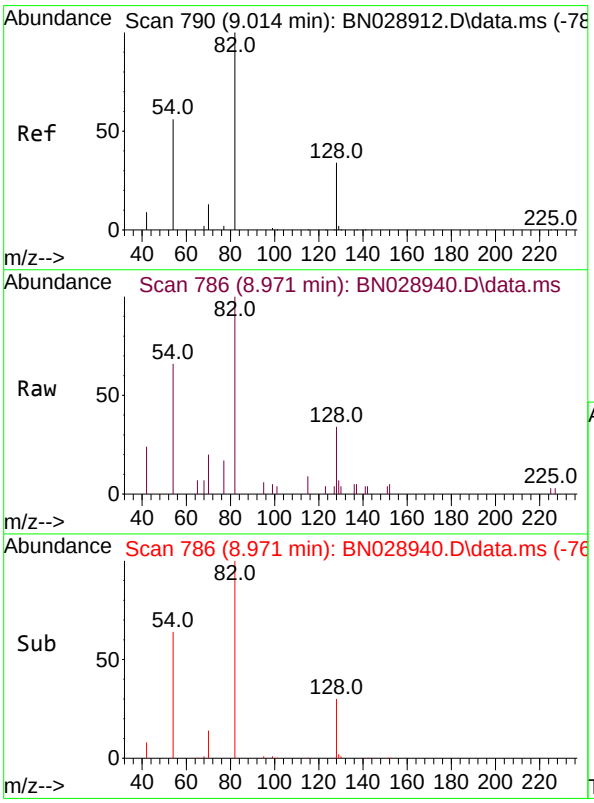
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 10080

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.6	16.0
54	8.7	7.5	11.3
68	5.5	5.9	8.9#

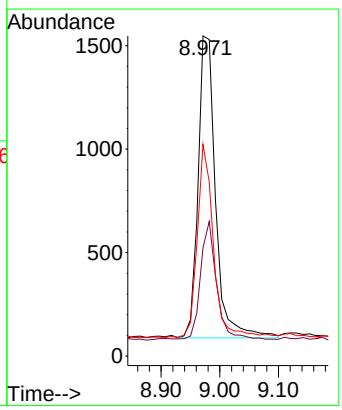


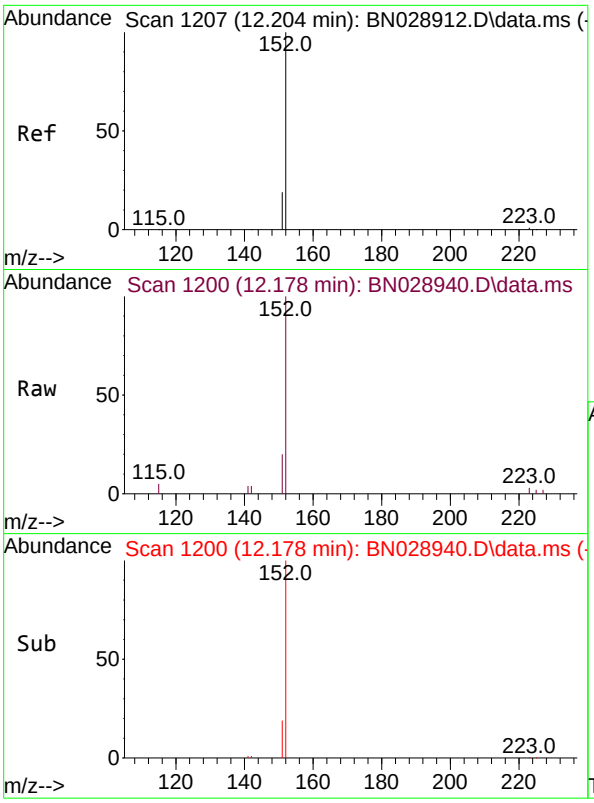


#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.011 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion: 82 Resp: 3044

Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.2	43.8
54	66.1	47.0	70.6



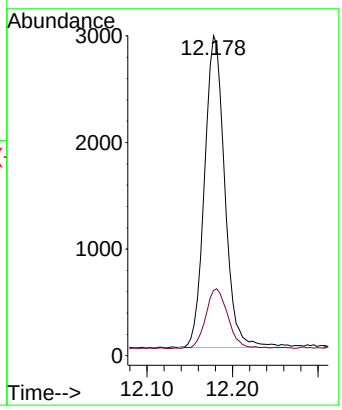


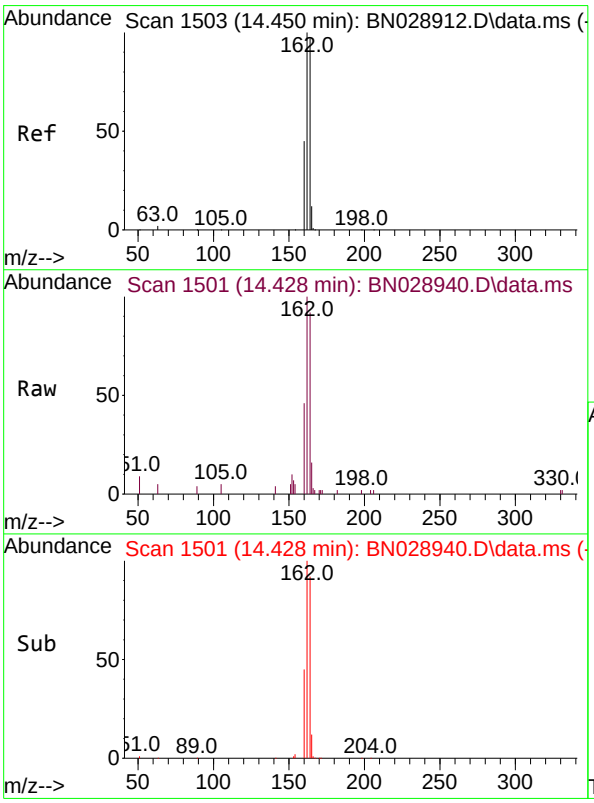
#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.178 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4796

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.7	25.1

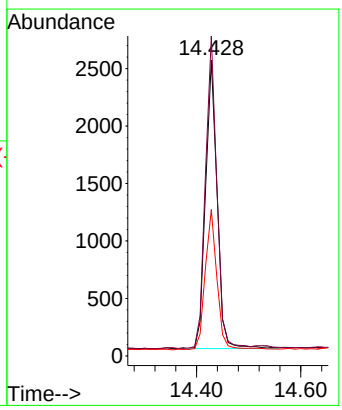


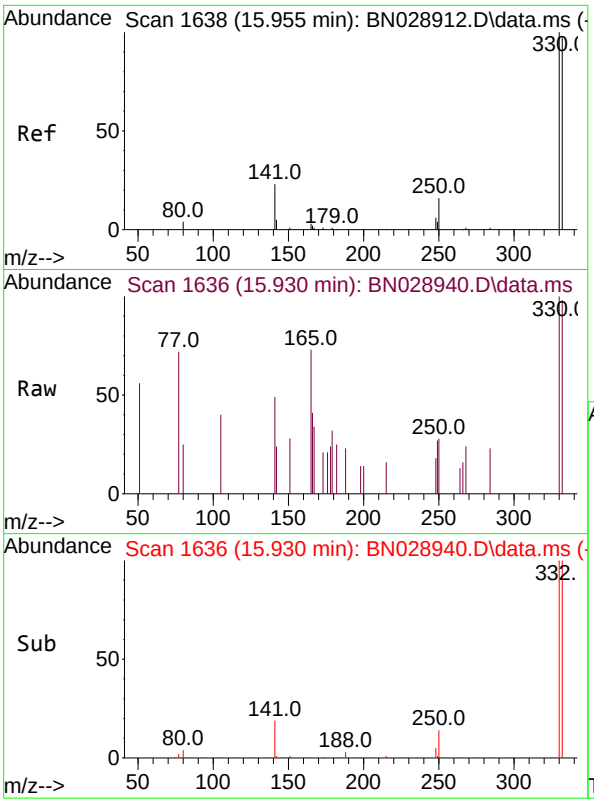


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:164 Resp: 3888

Ion	Ratio	Lower	Upper
164	100		
162	108.2	81.7	122.5
160	49.5	37.0	55.6



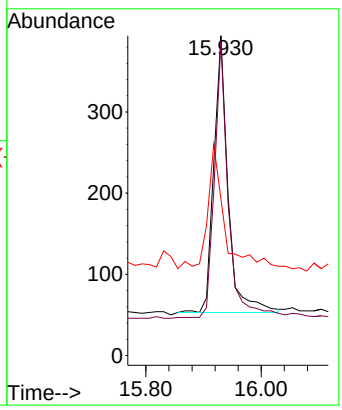


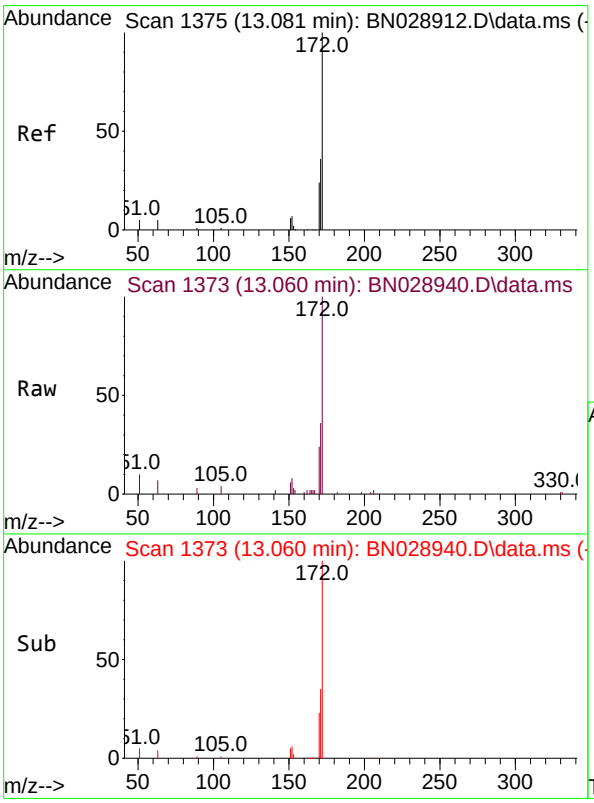
#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.930 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 583

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	45.8	35.7	53.5

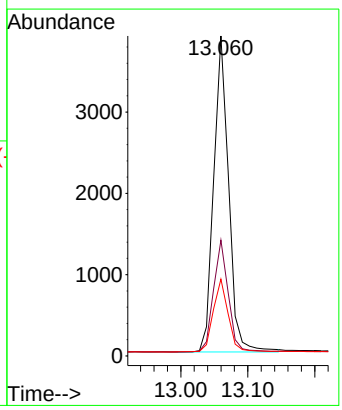


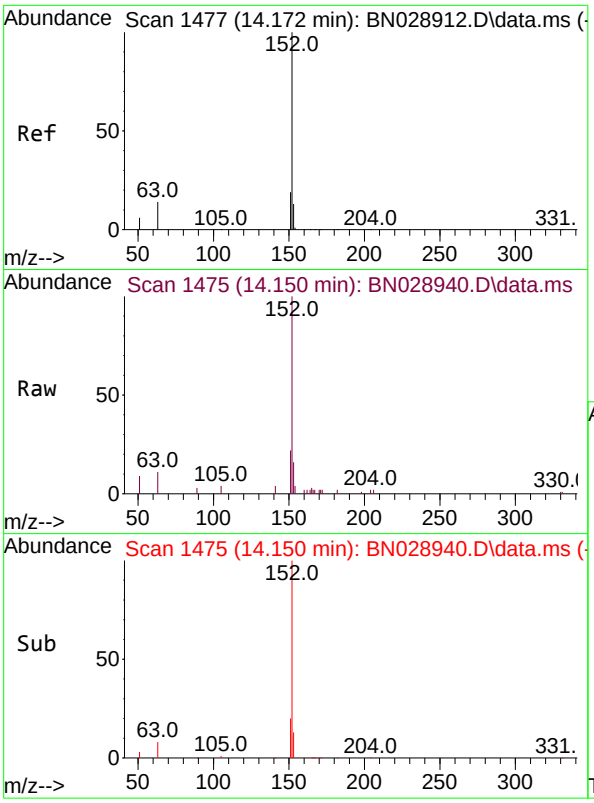


#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:172 Resp: 6001

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.0	19.7	29.5



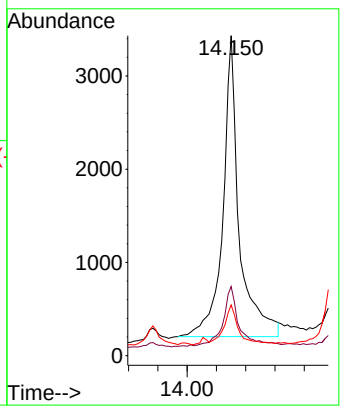


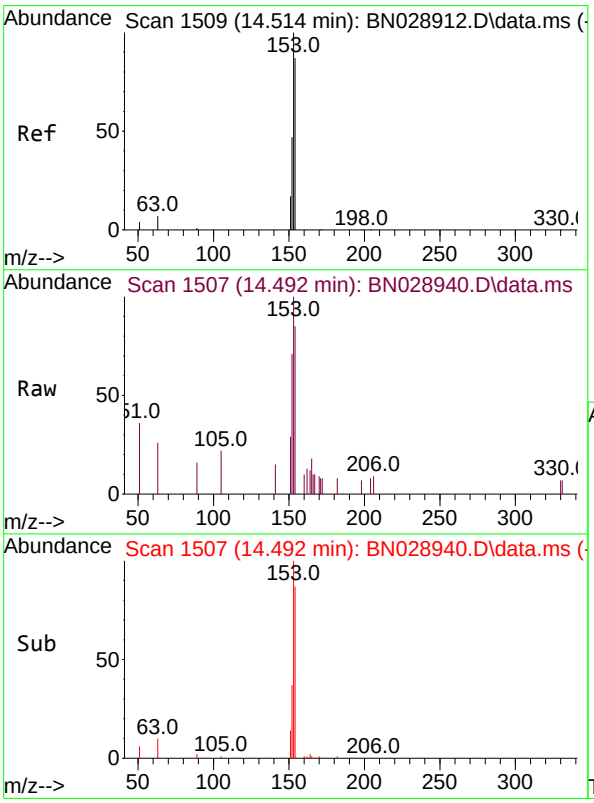
#16
Acenaphthylene
Concen: 0.604 ng
RT: 14.150 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12440

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	11.1	10.8	16.2

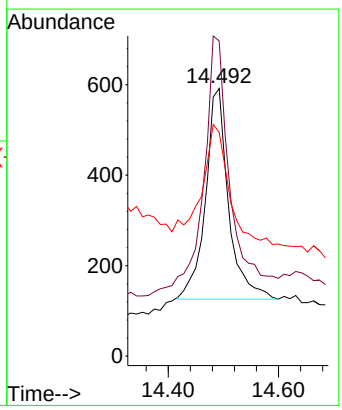


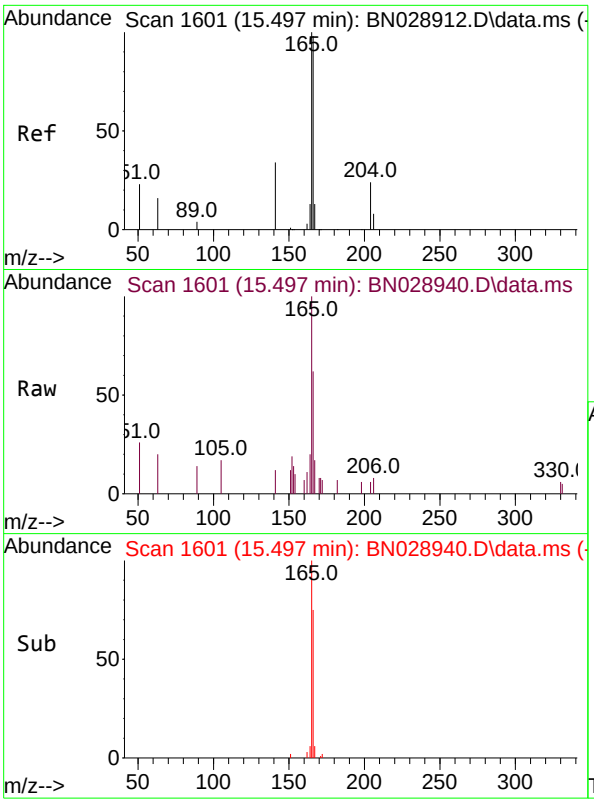


#17
Acenaphthene
Concen: 0.099 ng
RT: 14.492 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:154 Resp: 1353

Ion	Ratio	Lower	Upper
154	100		
153	111.3	93.8	140.6
152	79.1	44.5	66.7#



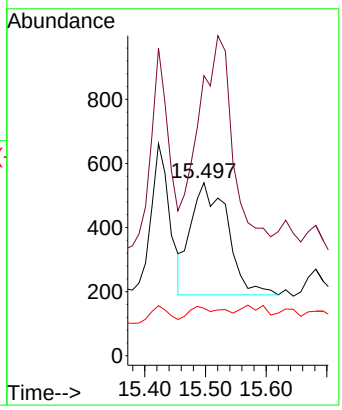


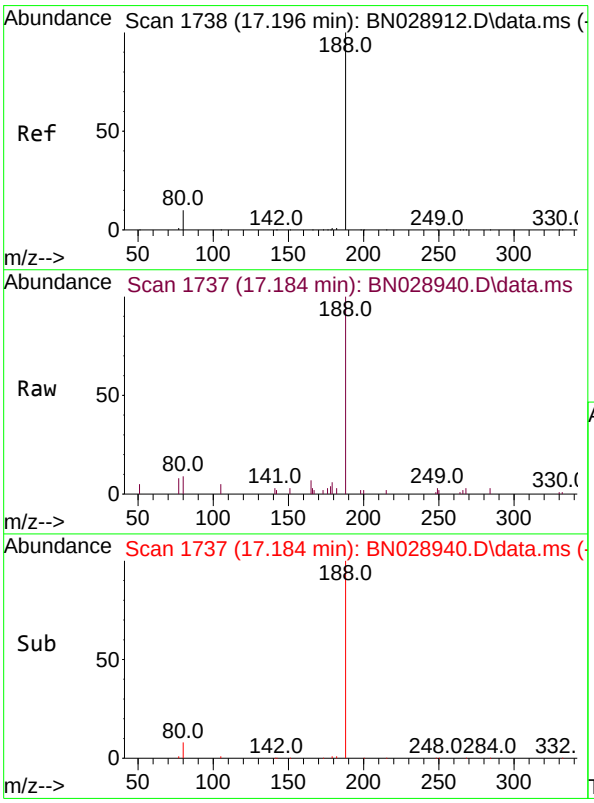
#18
Fluorene
Concen: 0.088 ng
RT: 15.497 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 1516

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.4	119.2#
167	10.5	11.0	16.4#

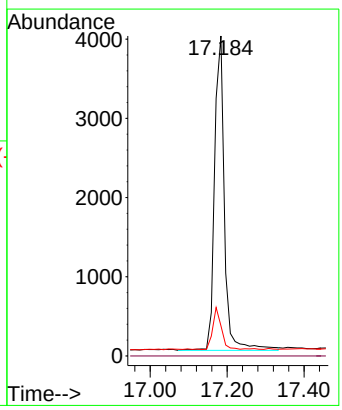


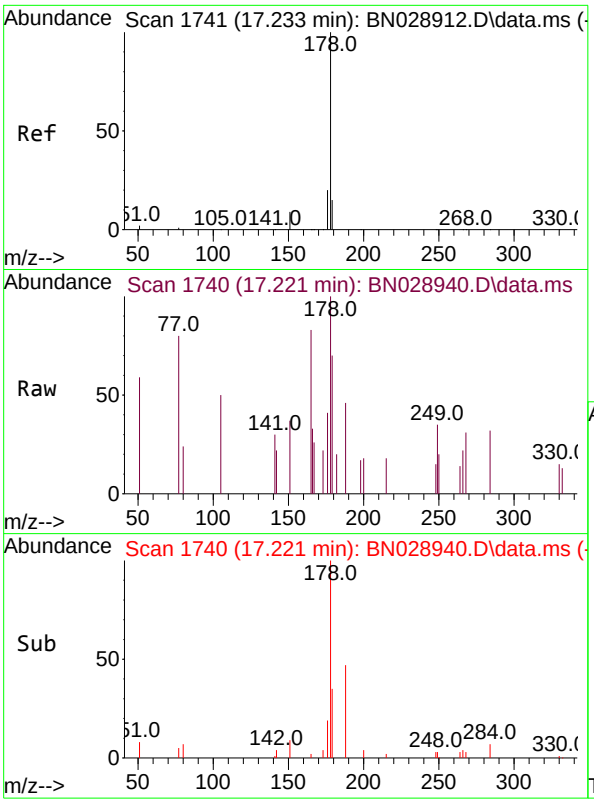


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.184 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:188 Resp: 7061

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	9.0	13.6



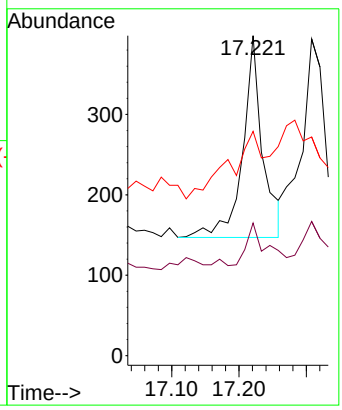


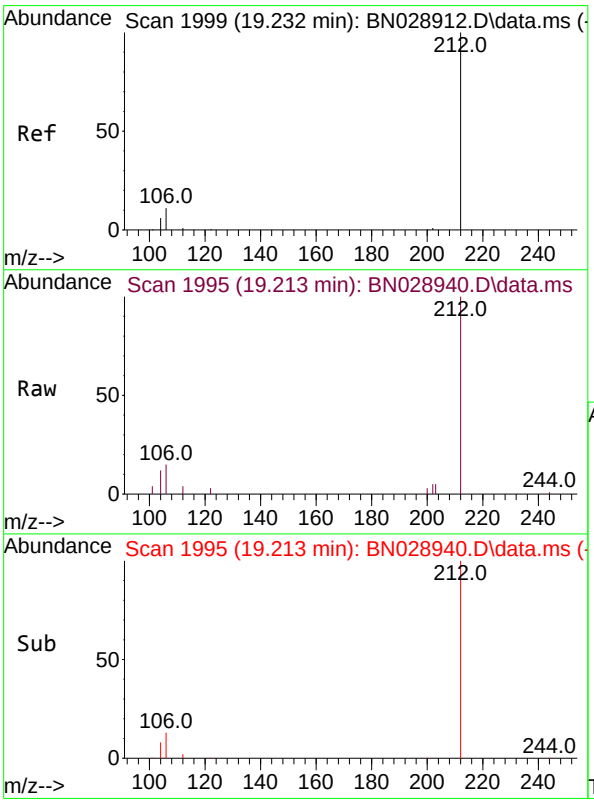
#25
Phenanthrene
Concen: 0.022 ng
RT: 17.221 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 518

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.4	24.6
179	52.5	14.1	21.1#

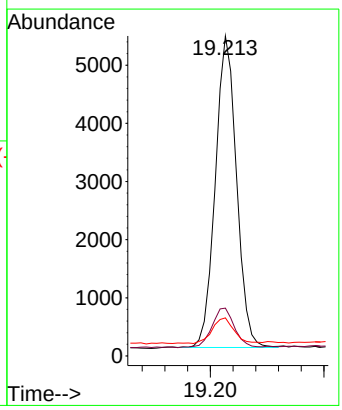


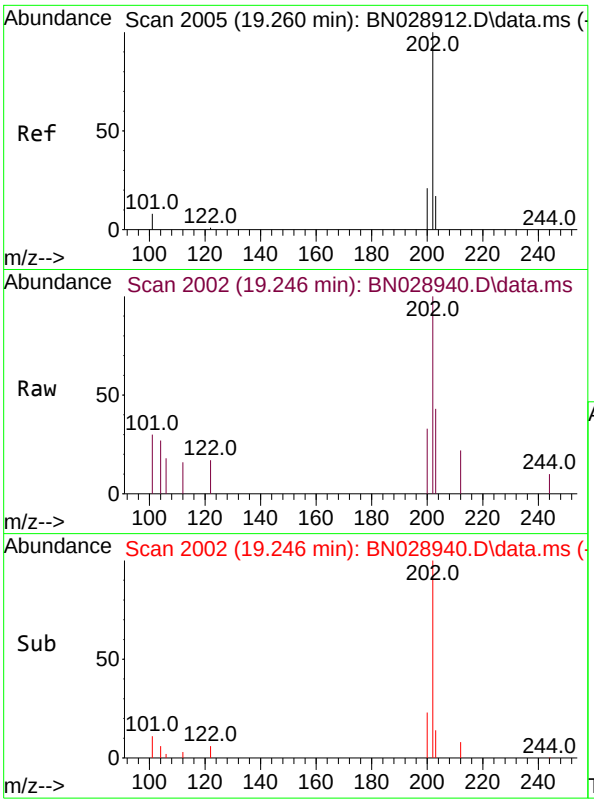


#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.213 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:212 Resp: 6948

Ion	Ratio	Lower	Upper
212	100		
106	13.5	9.4	14.2
104	8.5	6.2	9.2



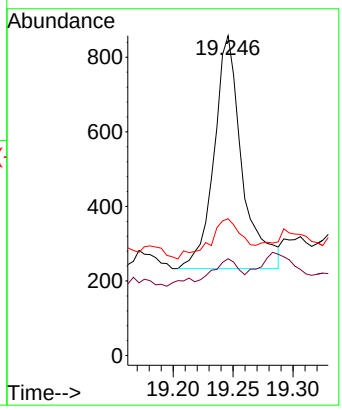


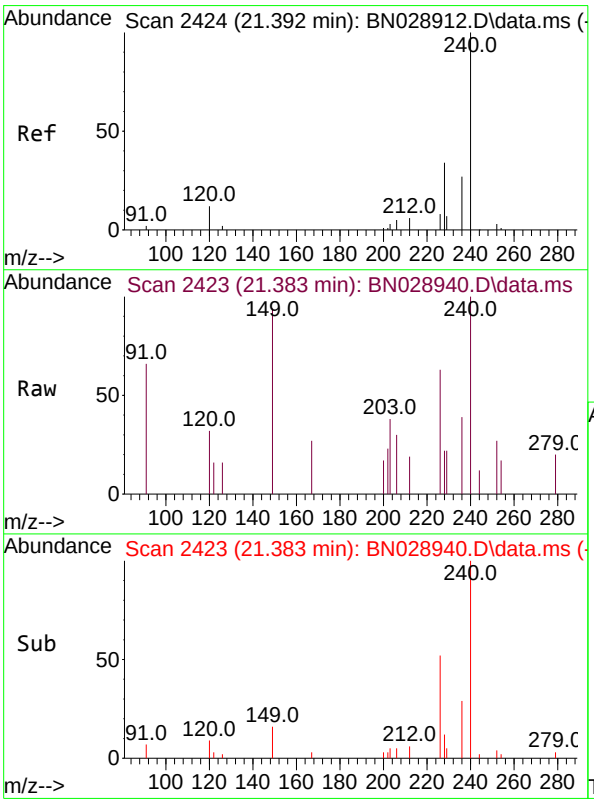
#28
Fluoranthene
Concen: 0.042 ng
RT: 19.246 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1018

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.3	10.9
203	20.5	14.1	21.1

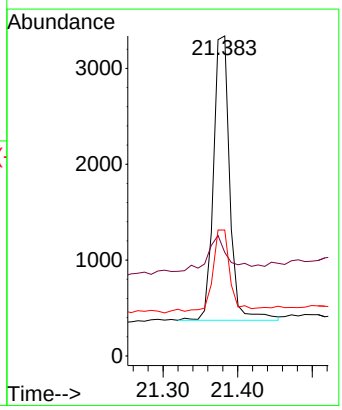


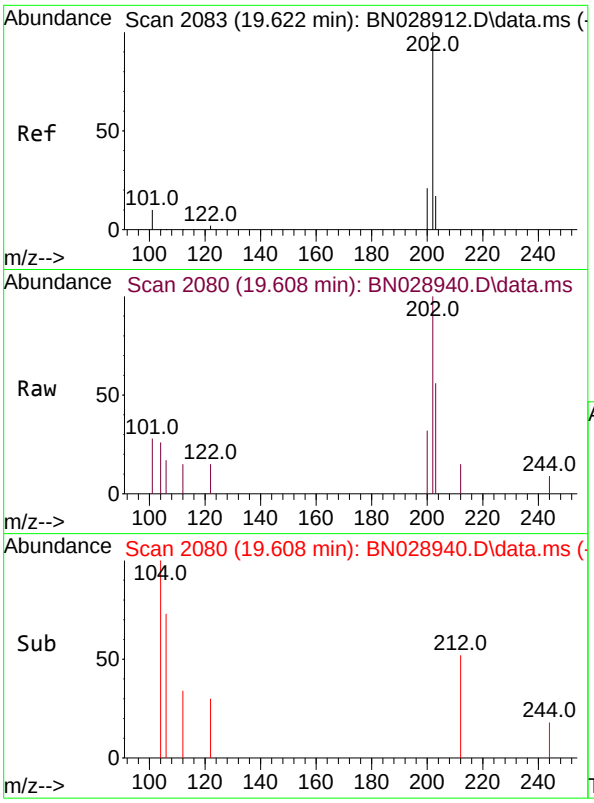


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.383 min Scan# 2423
Delta R.T. 0.009 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:240 Resp: 4502

Ion	Ratio	Lower	Upper
240	100		
120	32.4	37.1	55.7#
236	39.4	32.4	48.6



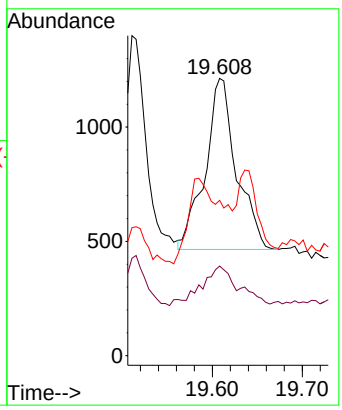


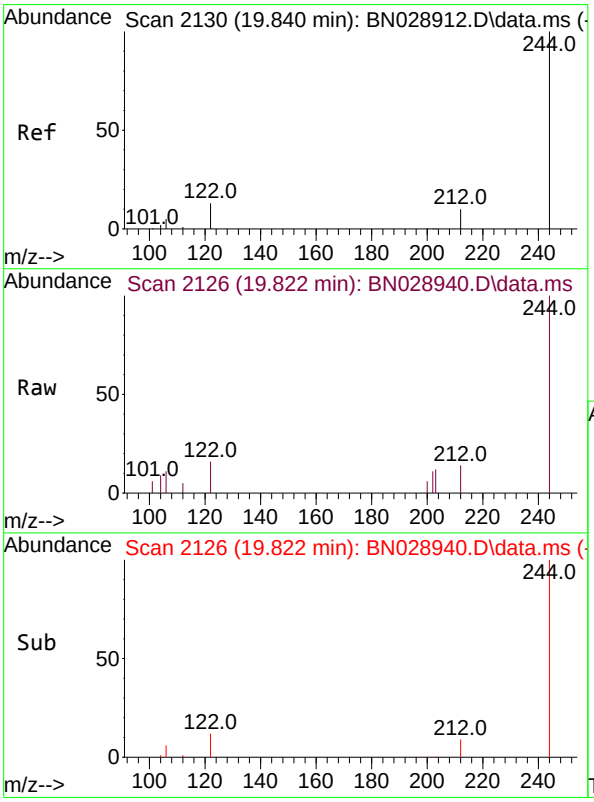
#30
Pyrene
Concen: 0.147 ng
RT: 19.608 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1811

Ion	Ratio	Lower	Upper
202	100		
200	29.0	16.9	25.3#
203	0.0	14.8	22.2#

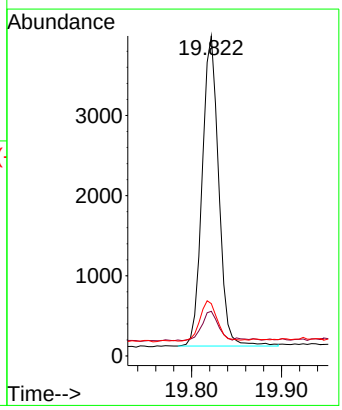


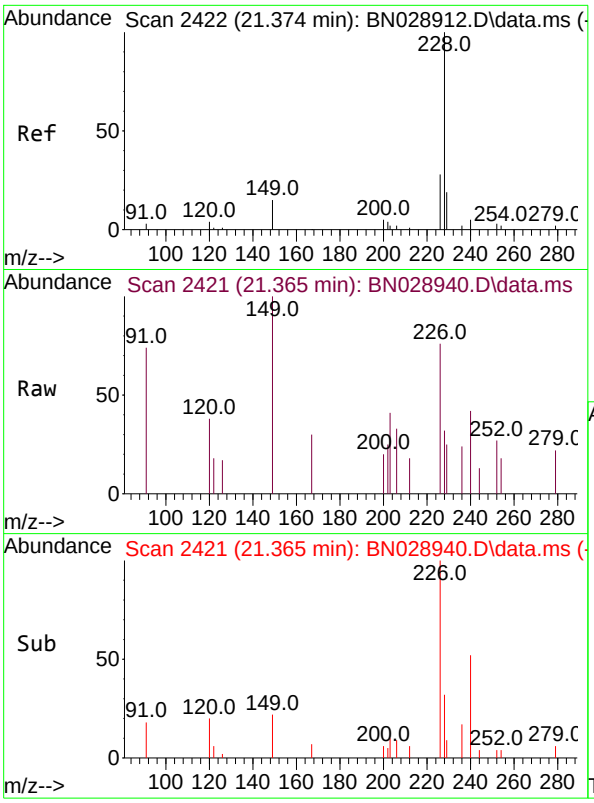


#31
Terphenyl-d14
Concen: 0.391 ng
RT: 19.822 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:244 Resp: 4955

Ion	Ratio	Lower	Upper
244	100		
212	13.9	11.5	17.3
122	16.4	13.2	19.8



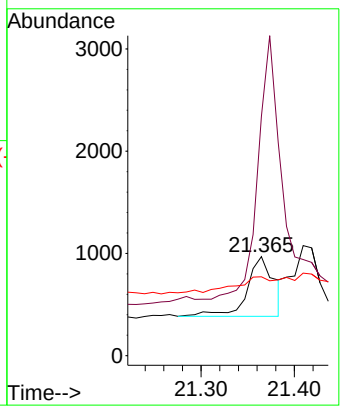


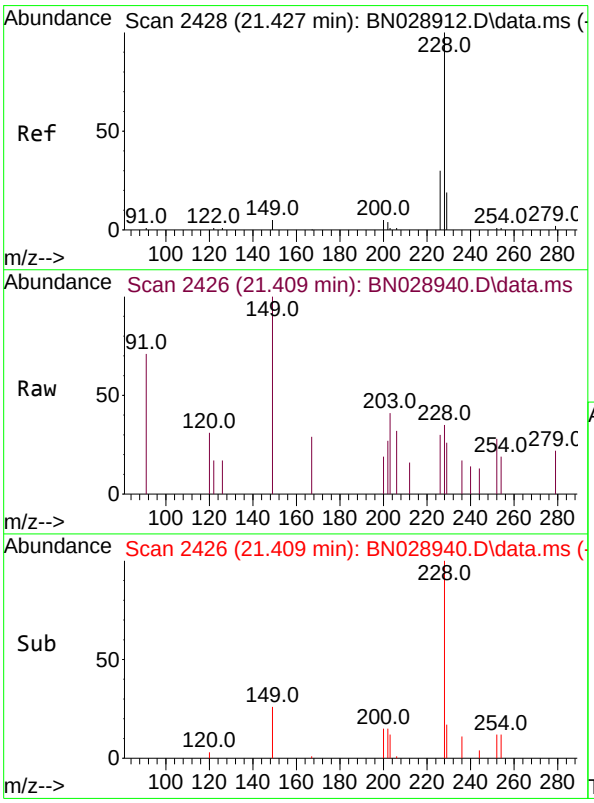
#32
Benzo(a)anthracene
Concen: 0.062 ng
RT: 21.365 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1179

Ion	Ratio	Lower	Upper
228	100		
226	241.5	26.5	39.7#
229	79.7	16.4	24.6#

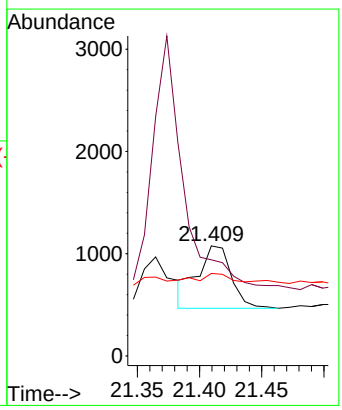


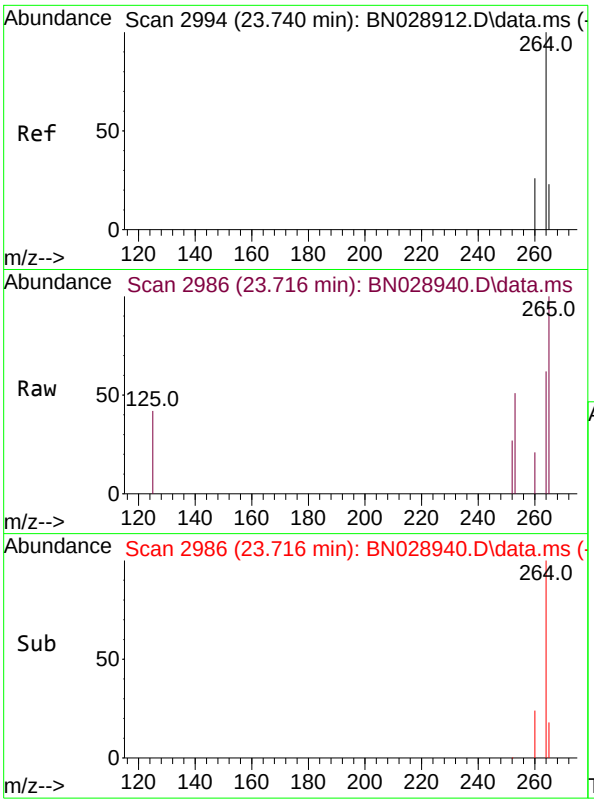


#33
Chrysene
Concen: 0.062 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:228 Resp: 1160

Ion	Ratio	Lower	Upper
228	100		
226	87.4	28.3	42.5#
229	74.9	16.4	24.6#



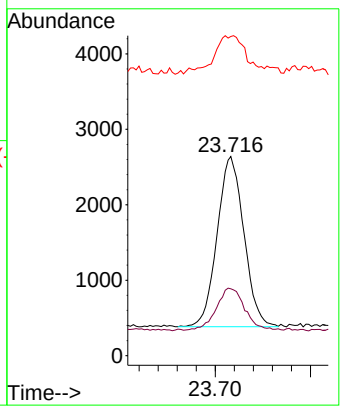


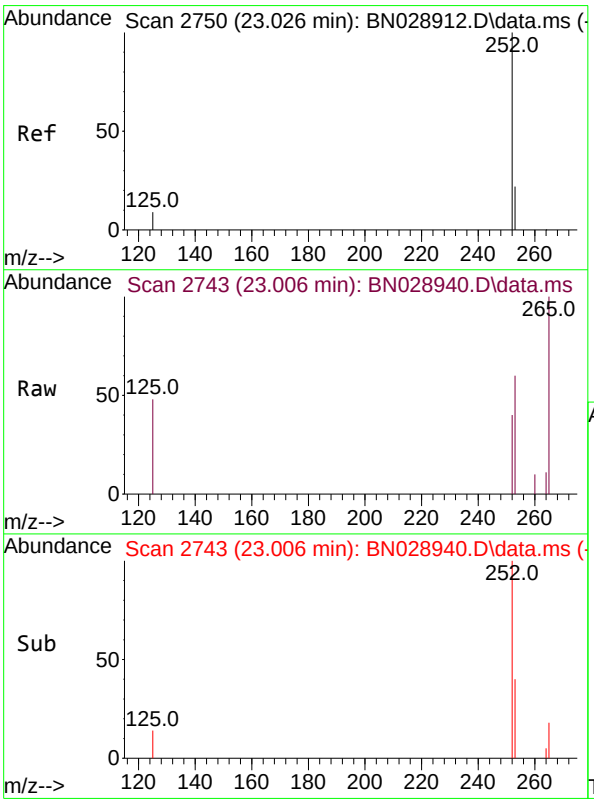
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.716 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 4393

Ion	Ratio	Lower	Upper
264	100		
260	33.6	20.6	30.8#
265	160.2	464.5	696.7#

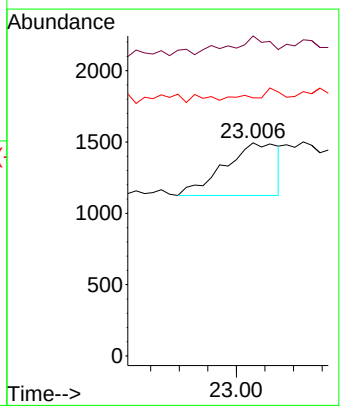


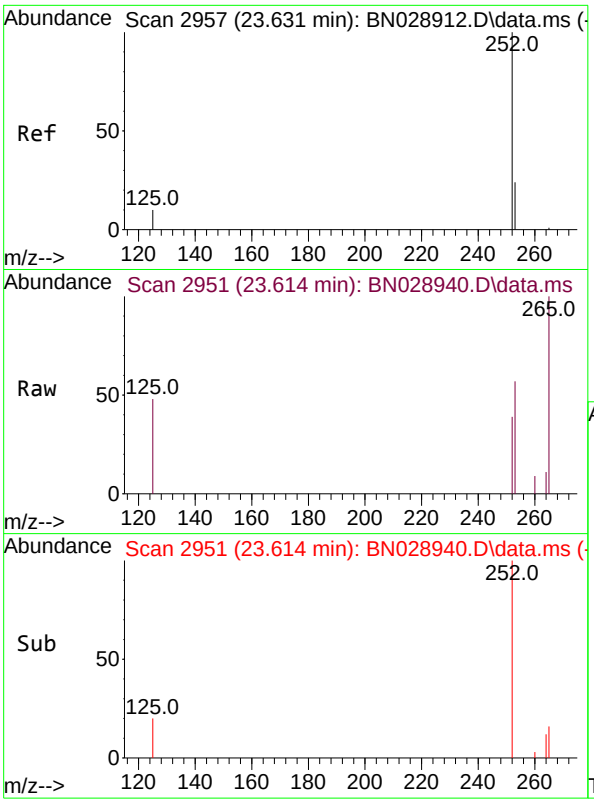


#37
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 23.006 min Scan# 2743
Delta R.T. 0.003 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Tgt Ion:252 Resp: 479

Ion	Ratio	Lower	Upper
252	100		
253	150.1	94.5	141.7#
125	121.1	23.8	35.8#





#39
Benzo(a)pyrene
Concen: 0.040 ng
RT: 23.614 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN028940.D
Acq: 01 Dec 2023 10:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 646

Ion	Ratio	Lower	Upper
252	100		
253	148.5	110.2	165.4
125	125.8	27.0	40.4#