Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033817.D
Acq On : 09 Sep 2024 14:13
Operator : MA/JU
Sample : P3874-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Quant Time: Sep 10 03:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4157	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	10525	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	4785	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	9332	0.400	ng	#-0.01
29) Chrysene-d12	21.112	240	6984	0.400	ng	0.00
35) Perylene-d12	23.265	264	7214	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	691	0.054	ng	0.00
5) Phenol-d6	6.671	99	9	0.001	ng	-0.04
8) Nitrobenzene-d5	8.649	82	3285	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	11.865	152	247	0.017	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	473	0.196	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	7573	0.380	ng	0.00
27) Fluoranthene-d10	18.942	212	5429	0.236	ng	0.00
31) Terphenyl-d14	19.556	244	6544	0.439	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.314	128	965	0.034	ng	# 81
18) Fluorene	15.204	166	449	0.026	ng	98
25) Phenanthrene	16.942	178	771	0.030	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.059	149	1013	0.075	ng	# 99

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

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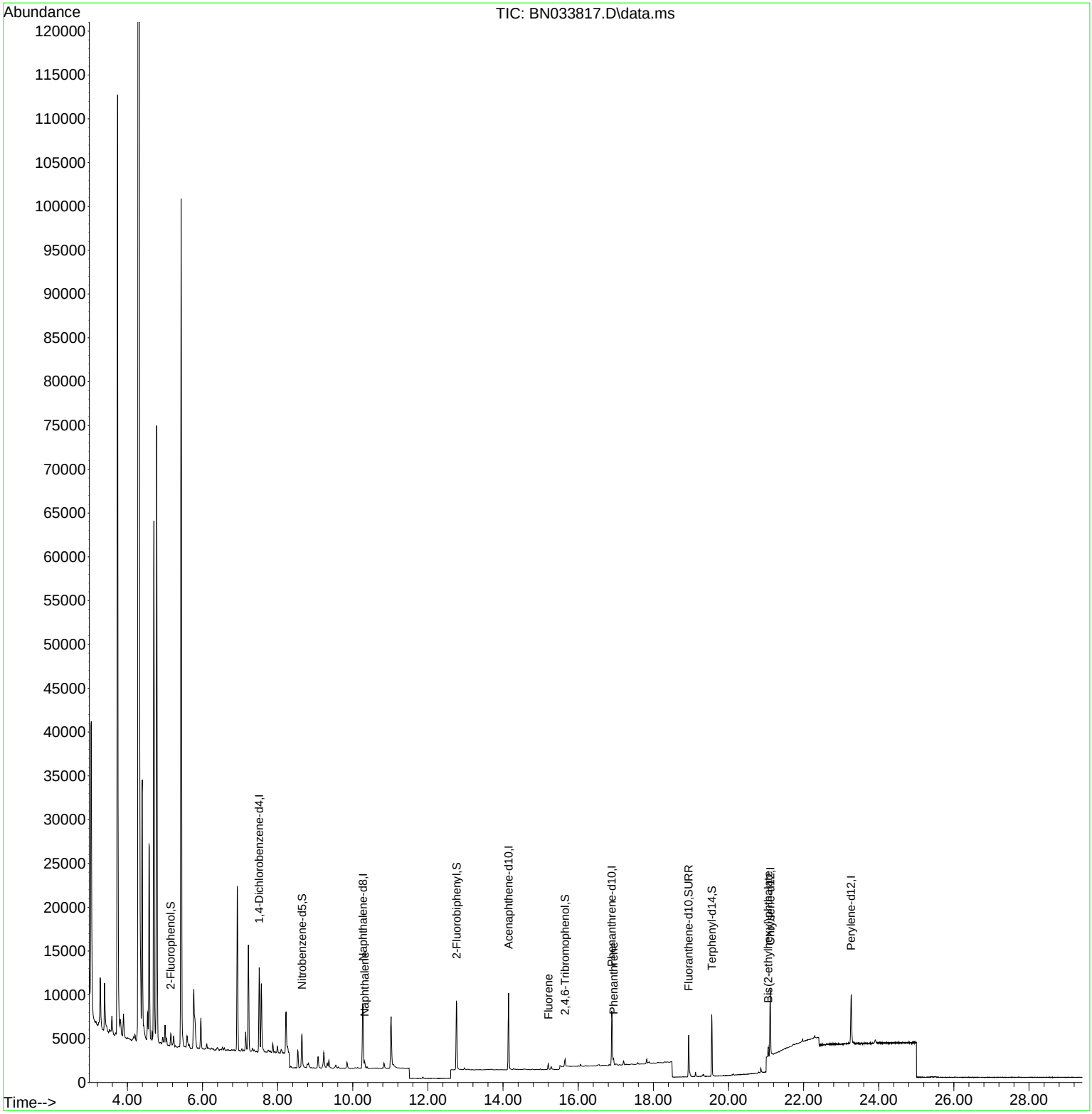
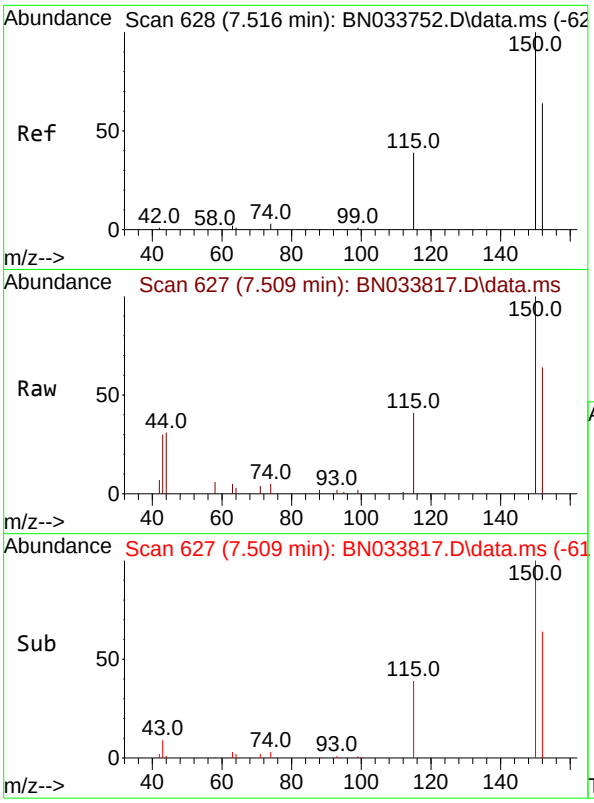


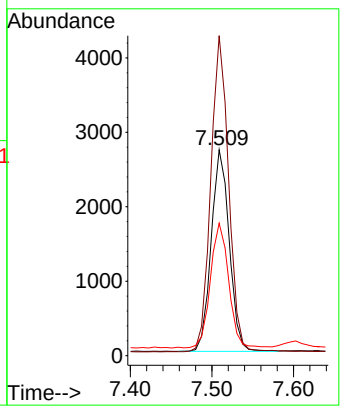


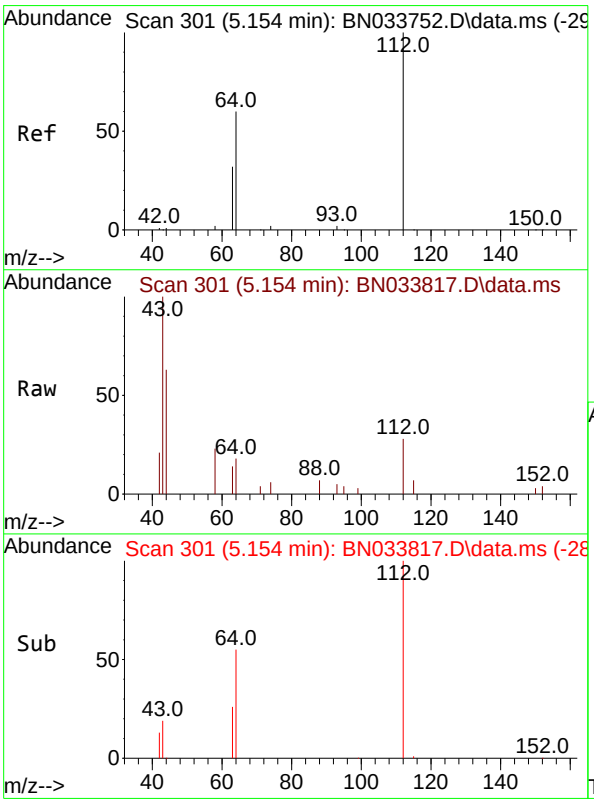
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.509 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:152 Resp: 4157

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.3	184.9
115	64.4	51.0	76.4

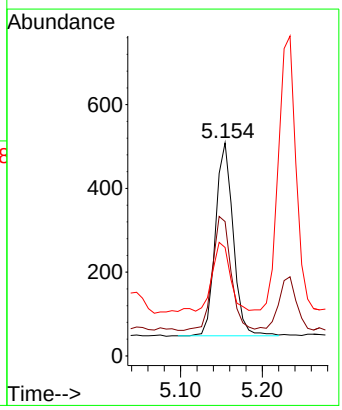


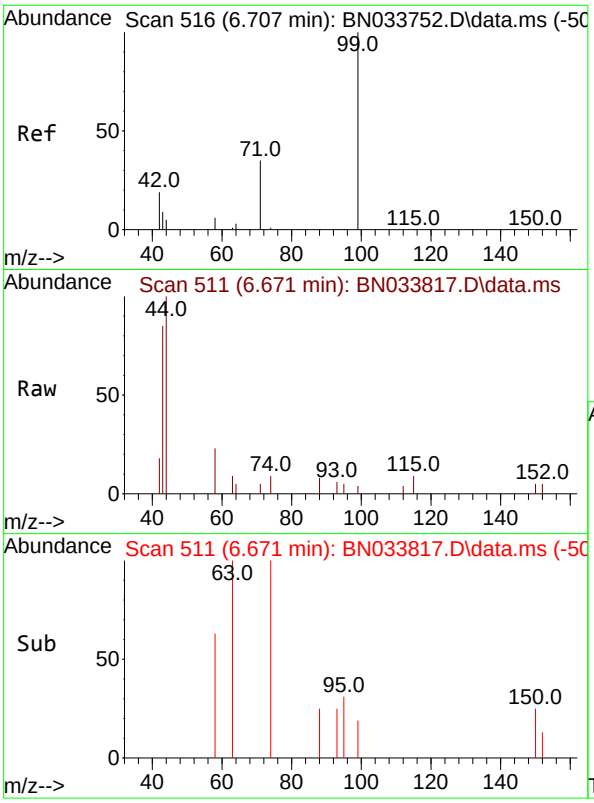


#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:112 Resp: 691

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.6	71.4
63	37.8	25.9	38.9



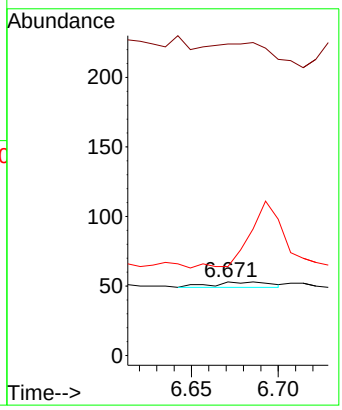


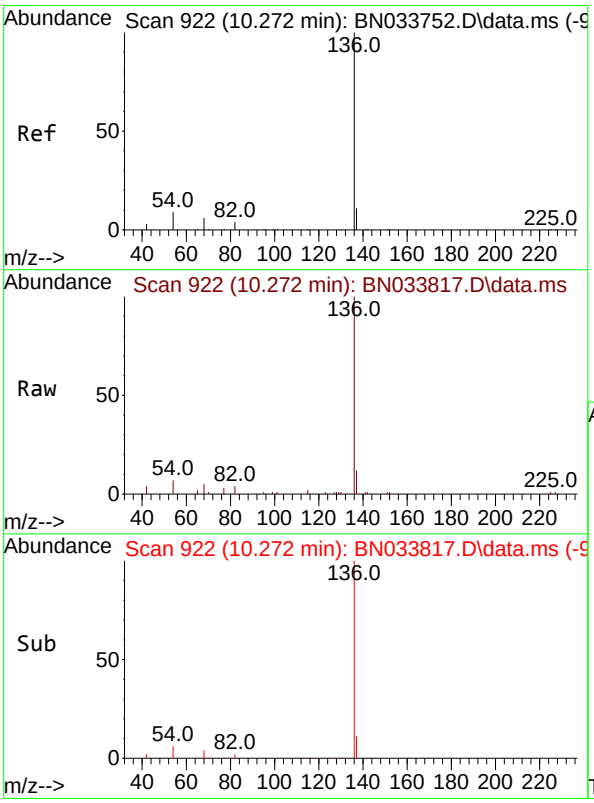
#5
Phenol-d6
Concen: 0.001 ng
RT: 6.671 min Scan# 5
Delta R.T. -0.036 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion: 99 Resp: 9

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.0	27.0#
71	0.0	28.7	43.1#

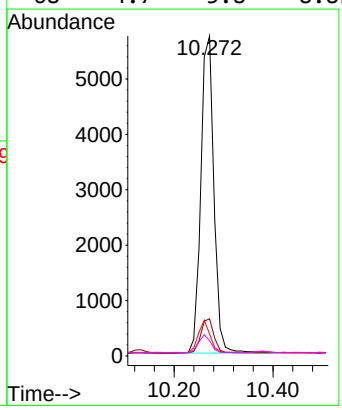


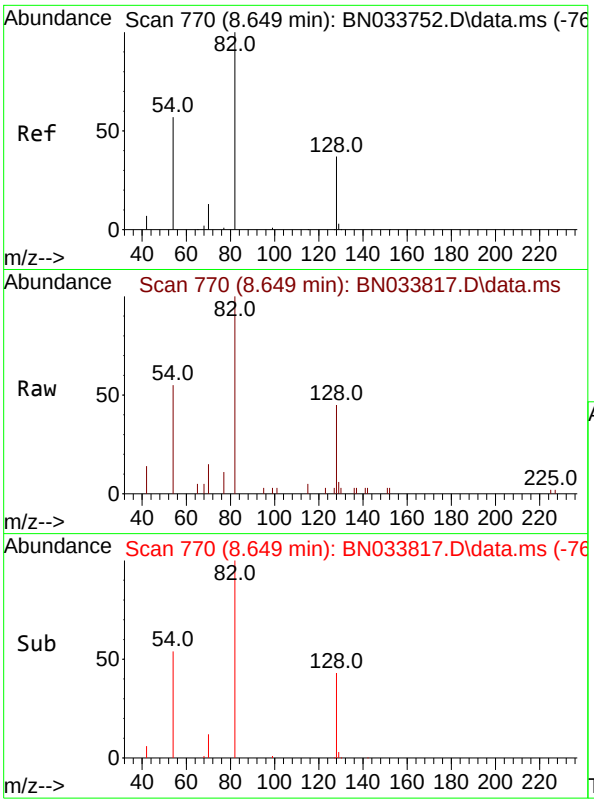


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:136 Resp: 10525

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	6.8	8.1	12.1#
68	4.7	5.8	8.8#



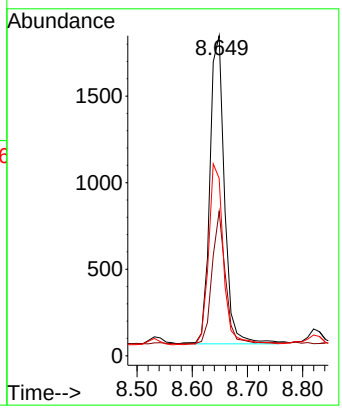


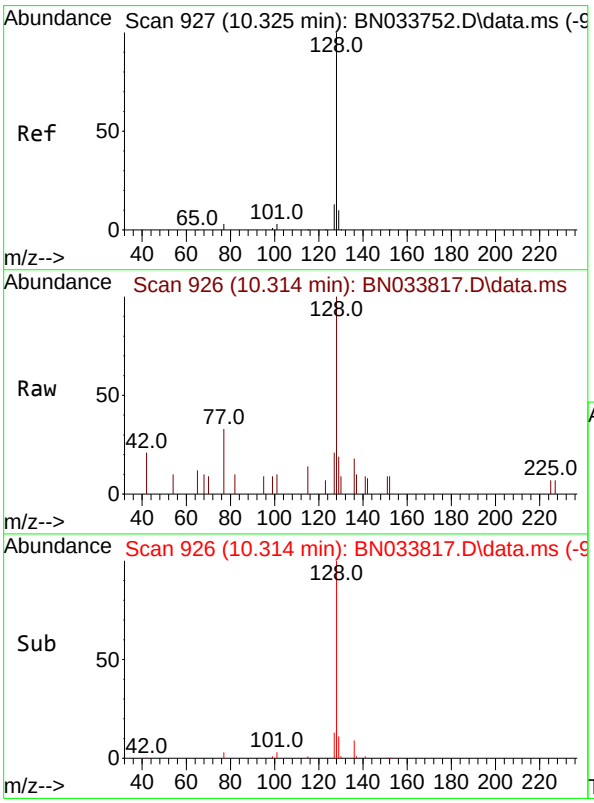
#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.649 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion: 82 Resp: 3285

Ion	Ratio	Lower	Upper
82	100		
128	45.1	31.3	46.9
54	55.4	46.9	70.3

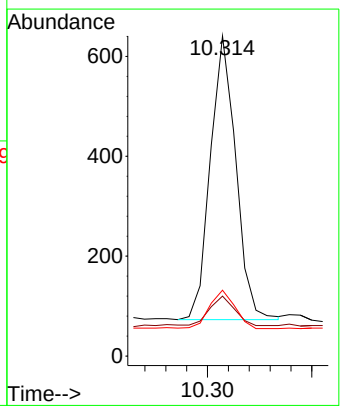


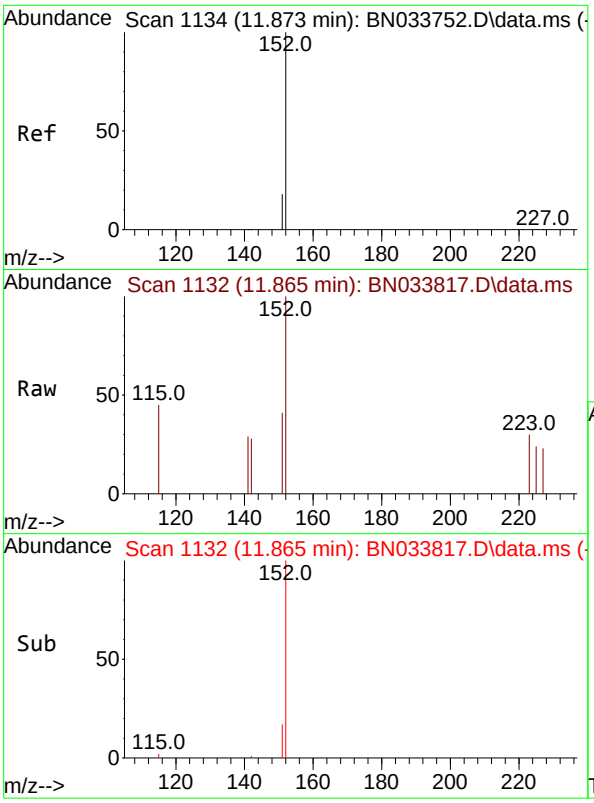


#9
Naphthalene
Concen: 0.034 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.011 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:128 Resp: 965

Ion	Ratio	Lower	Upper
128	100		
129	18.7	8.9	13.3#
127	20.6	10.8	16.2#



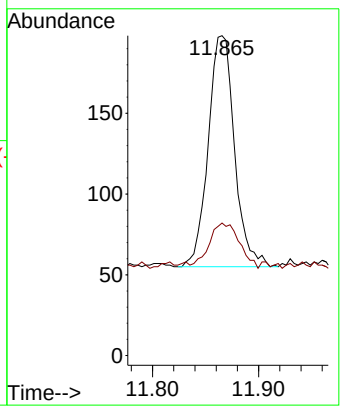


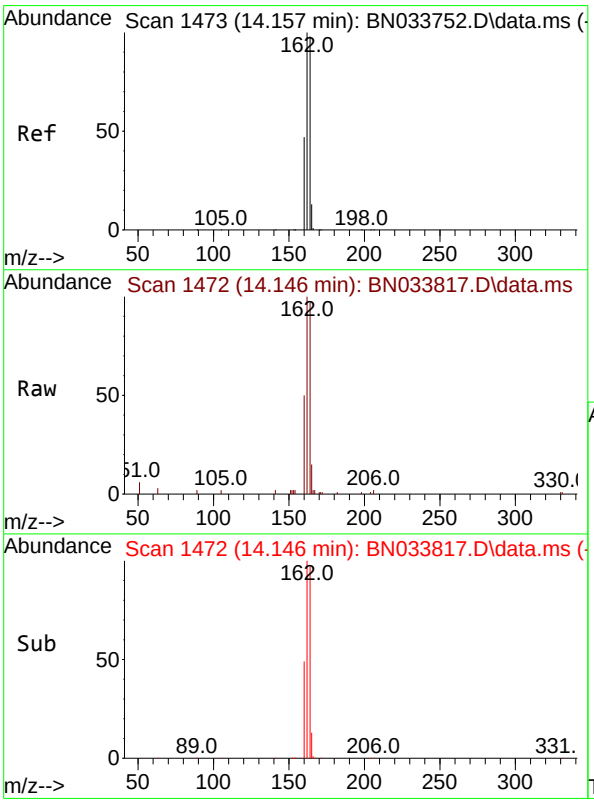
#11
2-Methylnaphthalene-d10
Concen: 0.017 ng
RT: 11.865 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:152 Resp: 247

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.7	25.1

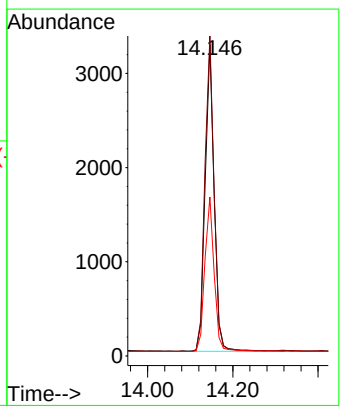


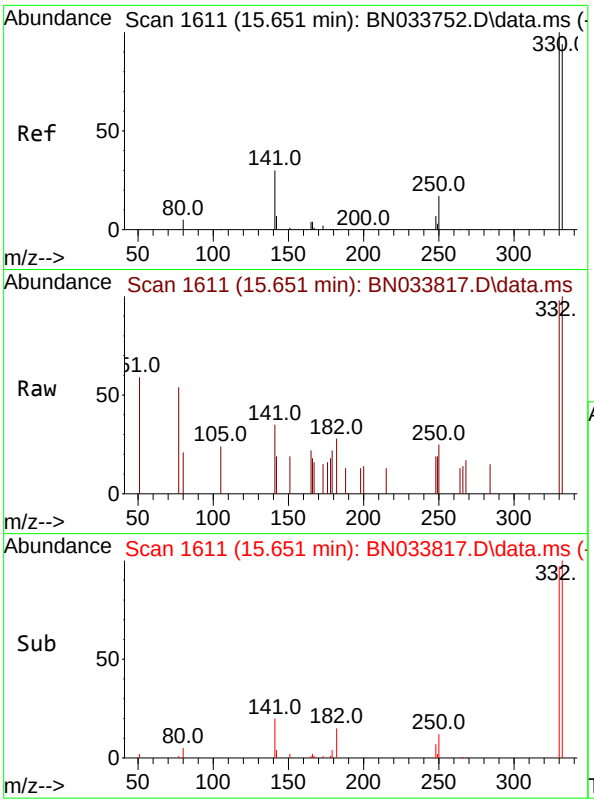


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:164 Resp: 4785

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.0	123.0
160	51.0	39.1	58.7



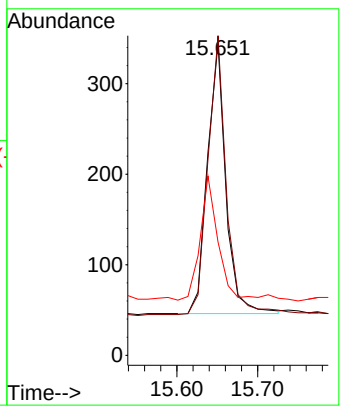


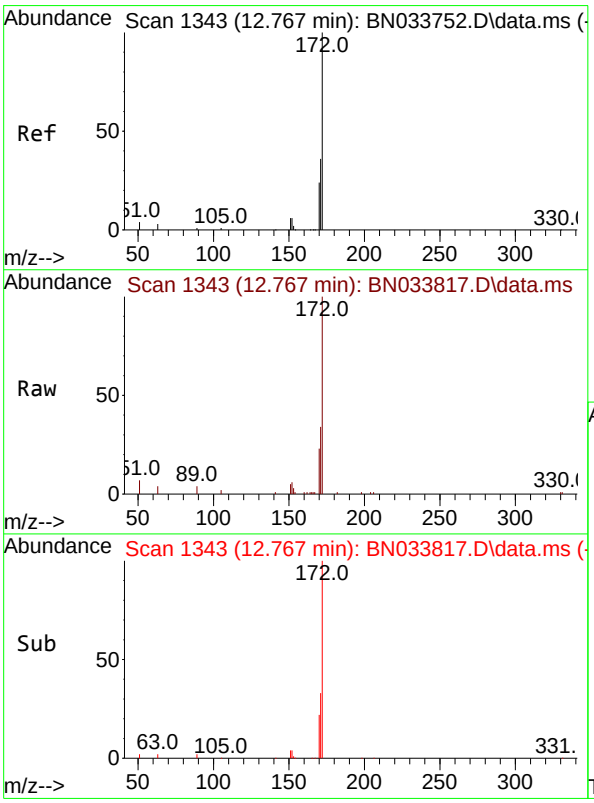
#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 15.651 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:330 Resp: 473

Ion	Ratio	Lower	Upper
330	100		
332	103.6	74.2	111.4
141	43.1	33.9	50.9

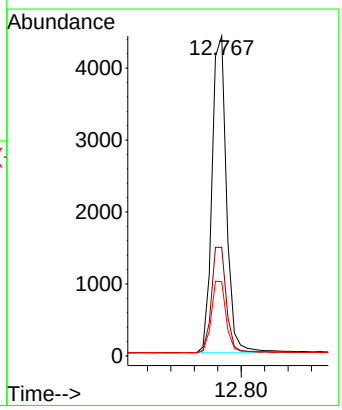


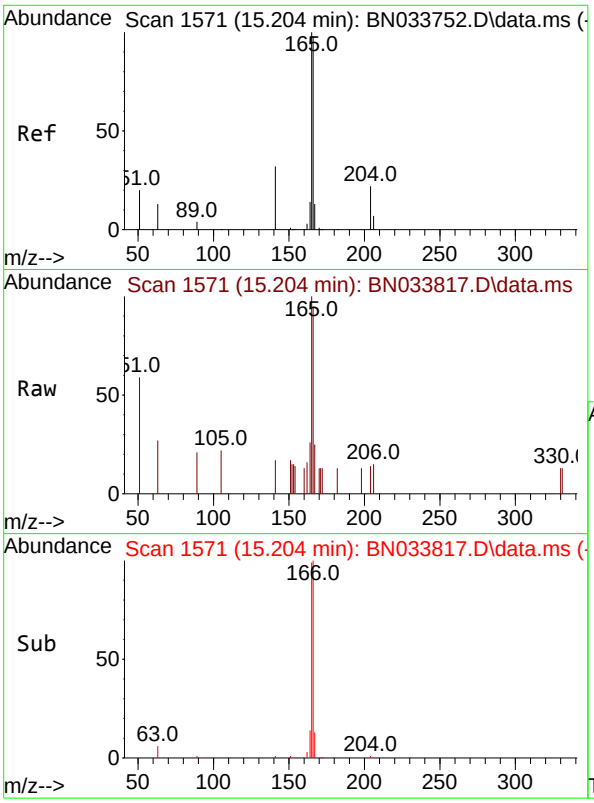


#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:172 Resp: 7573

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.8	43.2
170	23.2	19.7	29.5



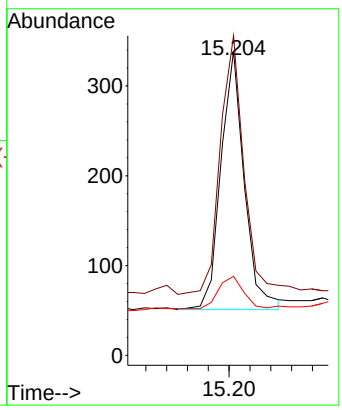


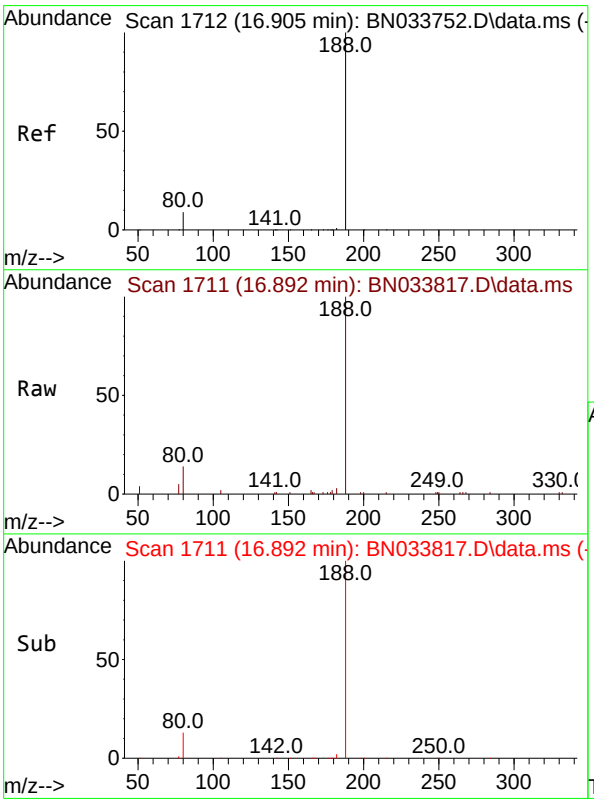
#18
Fluorene
Concen: 0.026 ng
RT: 15.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:166 Resp: 449

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.8	118.2
167	13.4	10.6	16.0

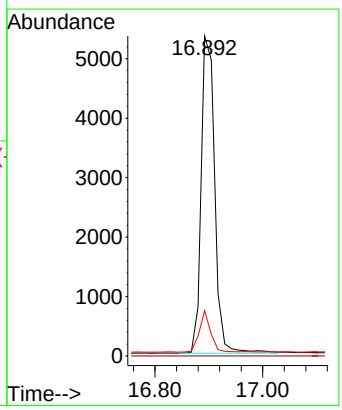


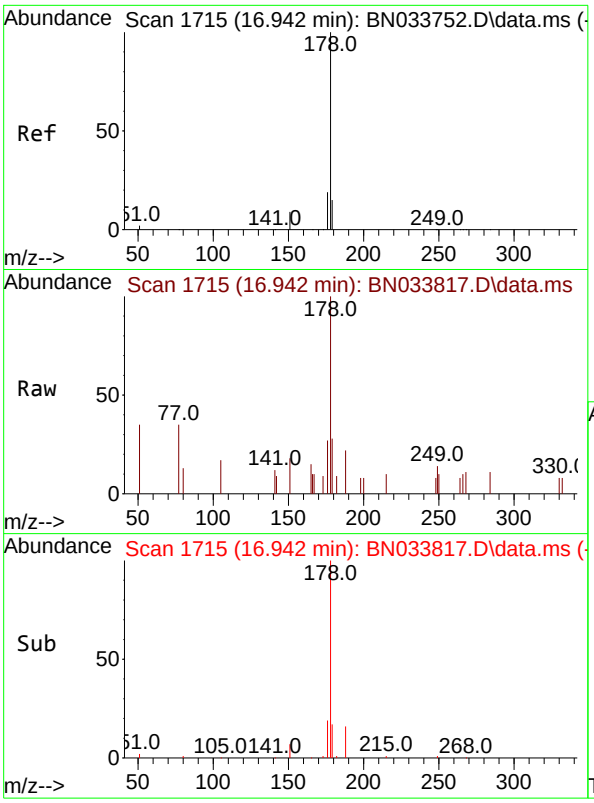


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:188 Resp: 9332

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	7.9	11.9#



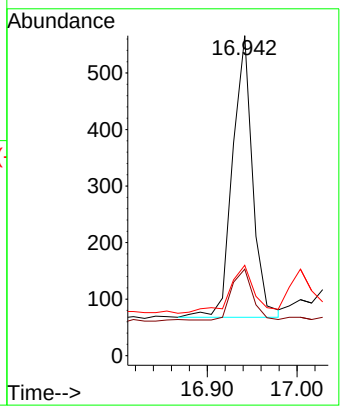


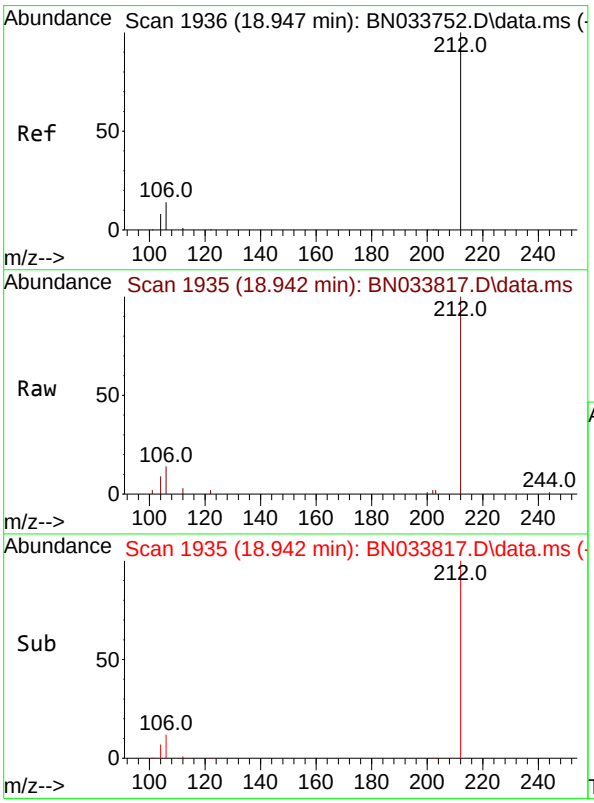
#25
Phenanthrene
Concen: 0.030 ng
RT: 16.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:178 Resp: 771

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	21.1	12.2	18.4#

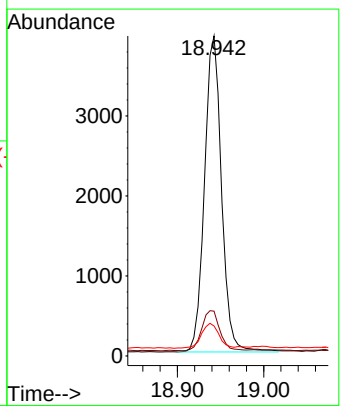


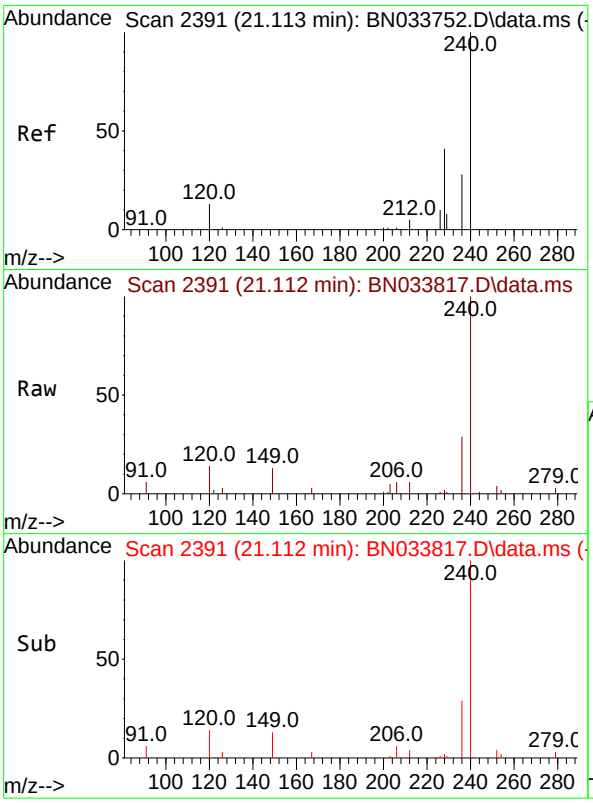


#27
Fluoranthene-d10
Concen: 0.236 ng
RT: 18.942 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:212 Resp: 5429

Ion	Ratio	Lower	Upper
212	100		
106	13.3	11.5	17.3
104	8.1	6.6	9.8



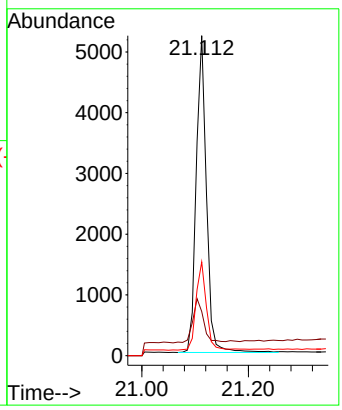


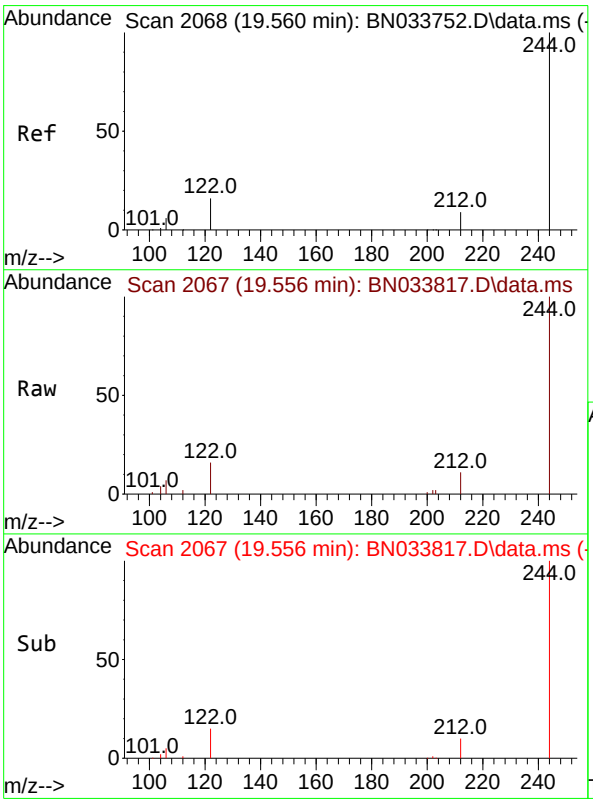
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:240 Resp: 6984

Ion	Ratio	Lower	Upper
240	100		
120	13.8	13.7	20.5
236	29.3	23.4	35.2

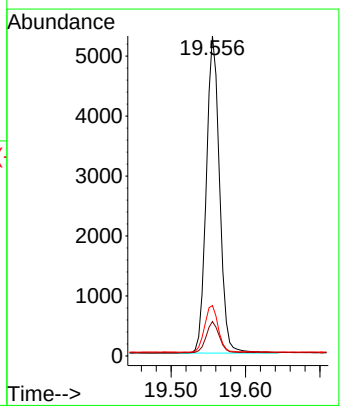


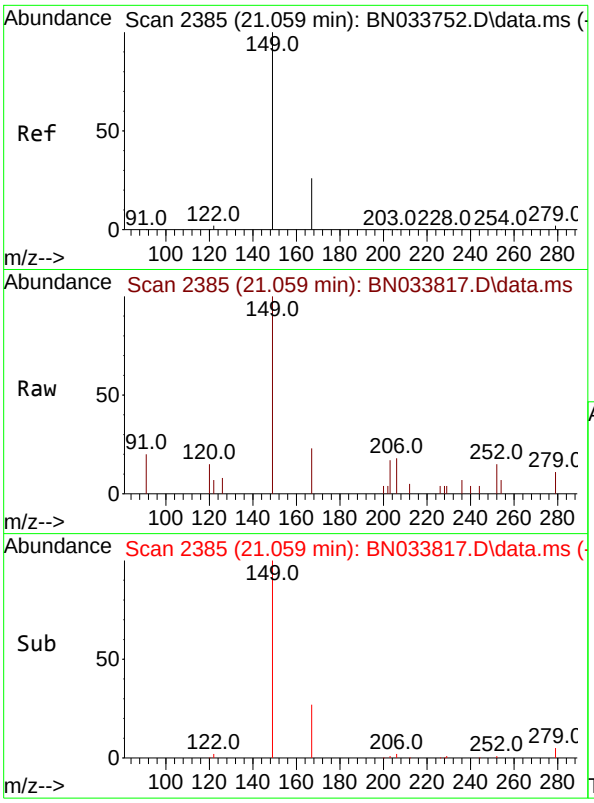


#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.556 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:244 Resp: 6544

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.9	11.9
122	15.8	13.2	19.8



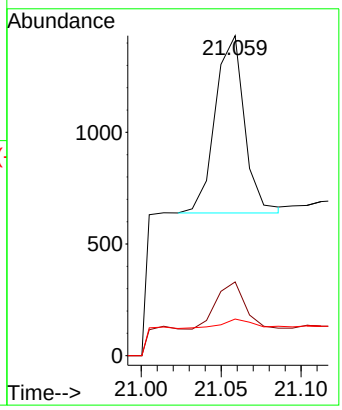


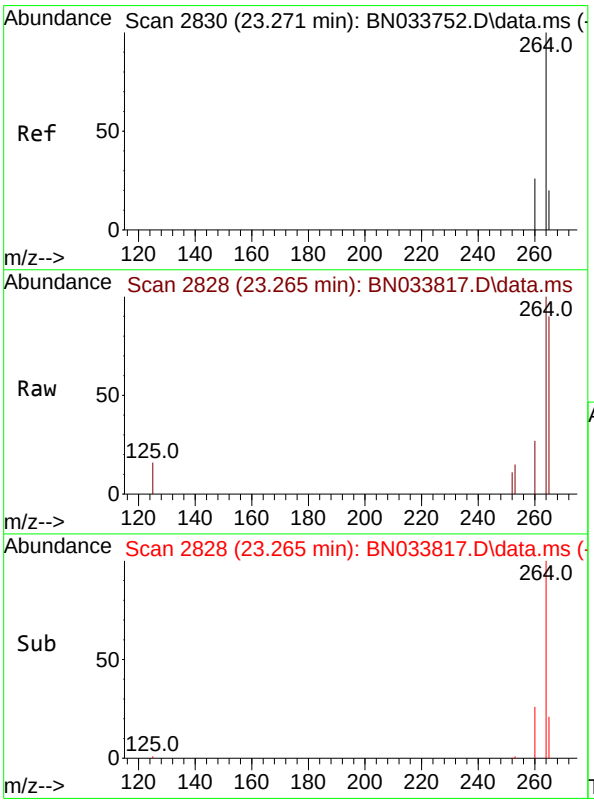
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.059 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904

Tgt Ion:149 Resp: 1013

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	6.3	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.265 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BN033817.D
Acq: 09 Sep 2024 14:13

Tgt Ion:264 Resp: 7214

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.1	31.7
265	90.4	72.0	108.0