Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120424\
Data File : BN035407.D
Acq On : 03 Dec 2024 17:37
Operator : RC/JU
Sample : PB165348BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Quant Time: Dec 03 18:02:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.300	152	1833	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	4526	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	3257	0.400	ng	0.00
19) Phenanthrene-d10	16.735	188	8120	0.400	ng	# 0.00
29) Chrysene-d12	20.983	240	6937	0.400	ng	0.00
35) Perylene-d12	23.076	264	6492	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	1626	0.354	ng	-0.01
5) Phenol-d6	6.506	99	1782	0.323	ng	0.00
8) Nitrobenzene-d5	8.440	82	1109	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	3089	0.436	ng	0.00
14) 2,4,6-Tribromophenol	15.485	330	400	0.173	ng	0.01
15) 2-Fluorobiphenyl	12.574	172	5204	0.423	ng	0.00
27) Fluoranthene-d10	18.785	212	9620	0.418	ng	0.00
31) Terphenyl-d14	19.416	244	7009	0.512	ng	0.00
Target Compounds						Qvalue

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

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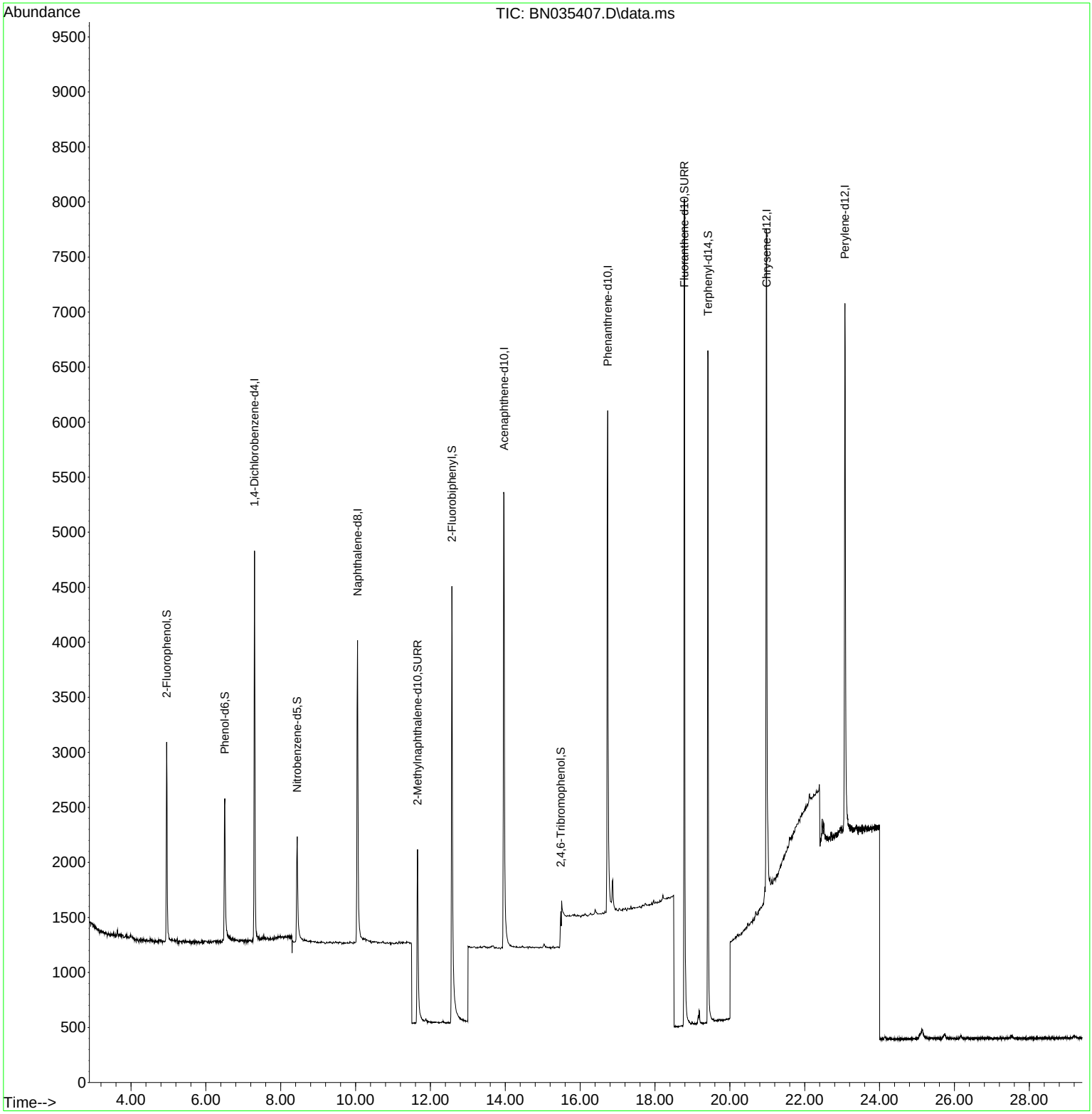
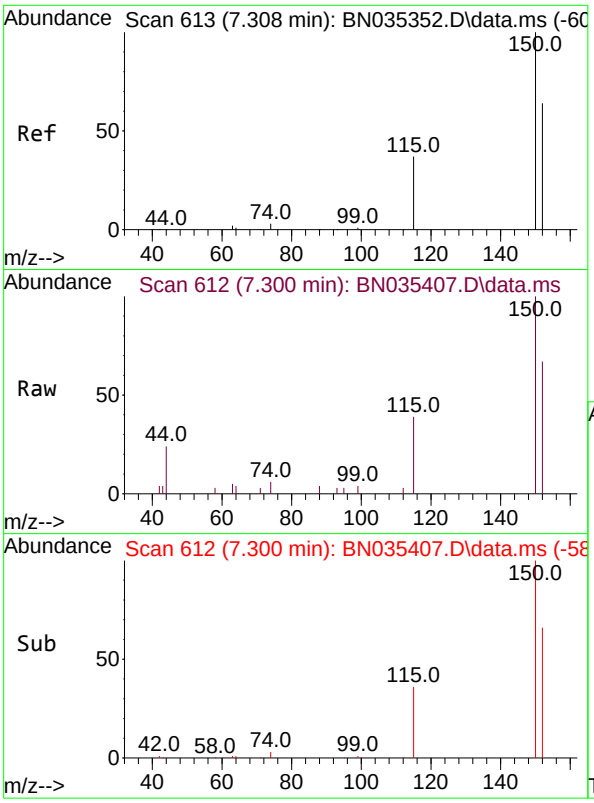


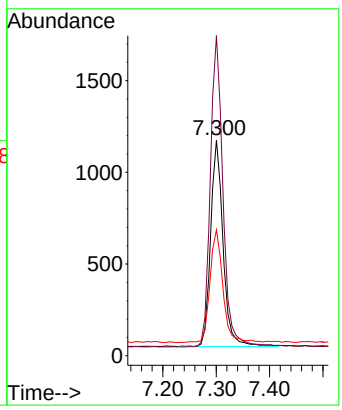


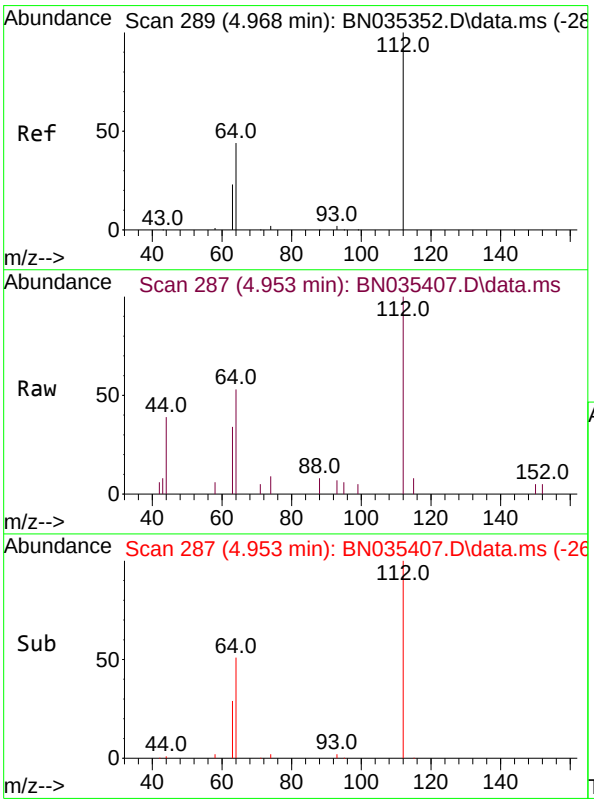
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.300 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Tgt Ion:152 Resp: 1833

Ion	Ratio	Lower	Upper
152	100		
150	148.4	124.0	186.0
115	58.3	49.6	74.4

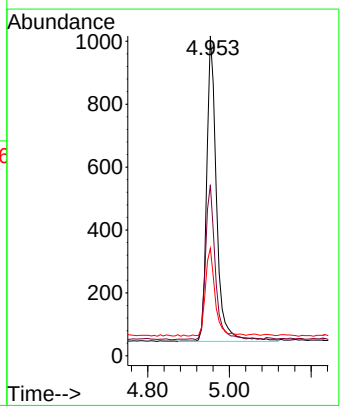


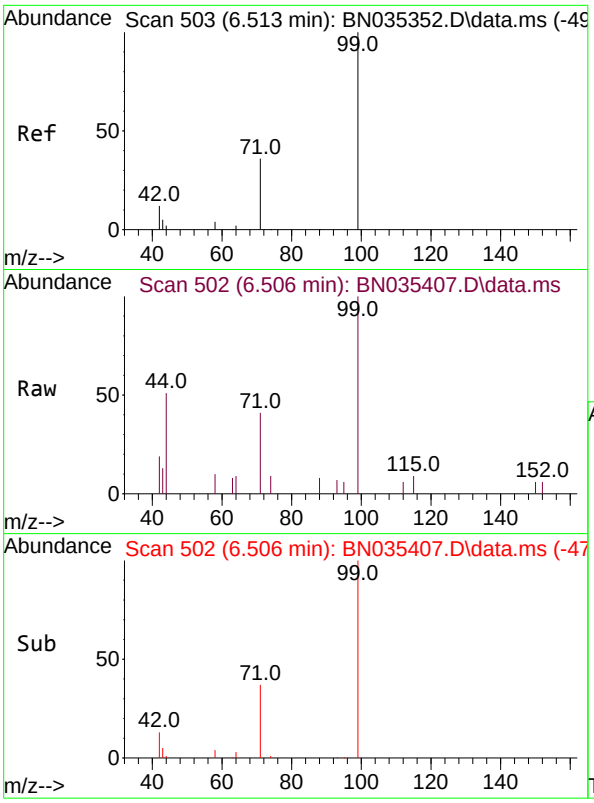


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.014 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Tgt Ion:112 Resp: 1626

Ion	Ratio	Lower	Upper
112	100		
64	50.6	39.8	59.8
63	28.5	21.0	31.6



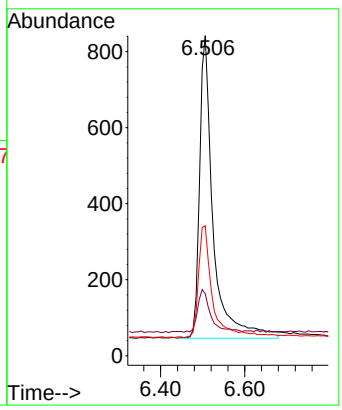


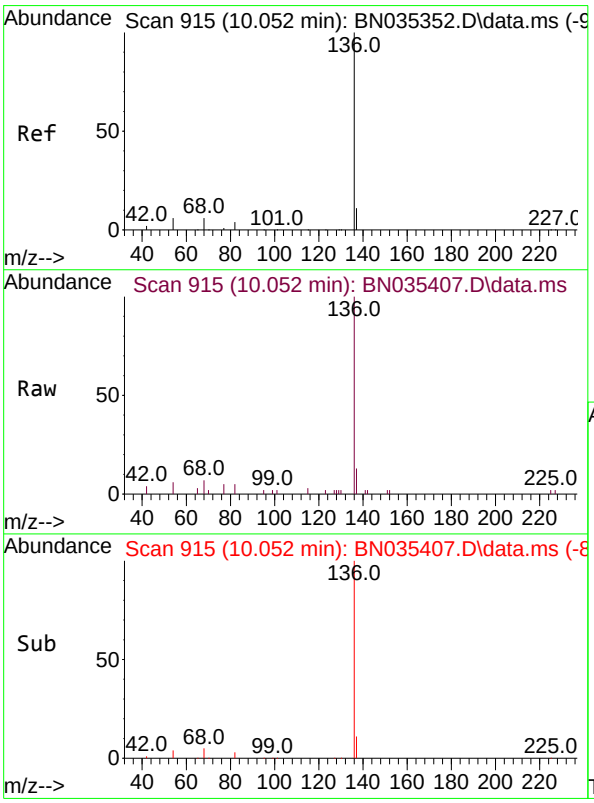
#5
Phenol-d6
Concen: 0.323 ng
RT: 6.506 min Scan# 5(
Delta R.T. -0.007 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Tgt Ion: 99 Resp: 1782

Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.4	17.2
71	38.6	29.3	43.9

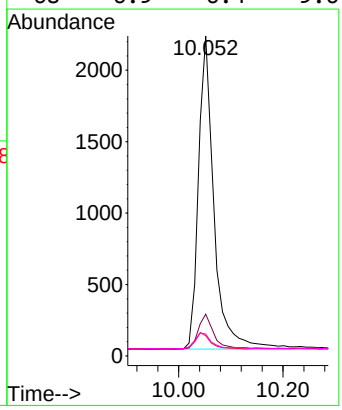


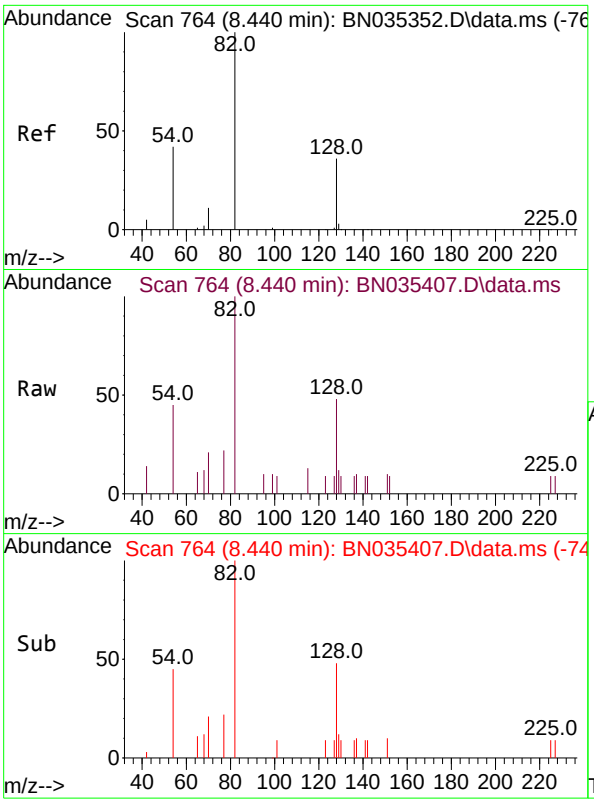


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Tgt Ion:136 Resp: 4526

Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.2	15.2
54	6.4	6.1	9.1
68	6.9	6.4	9.6



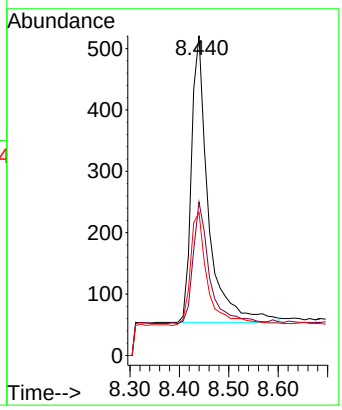


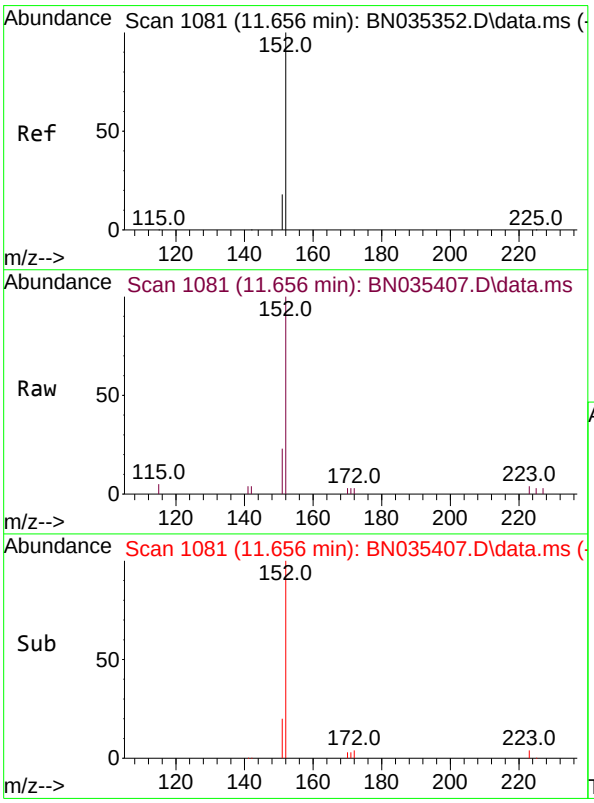
#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.440 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Tgt Ion: 82 Resp: 1109

Ion	Ratio	Lower	Upper
82	100		
128	48.0	33.4	50.0
54	44.7	36.7	55.1

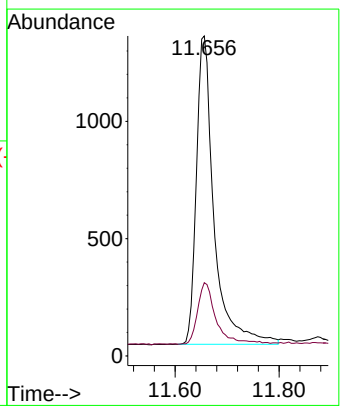


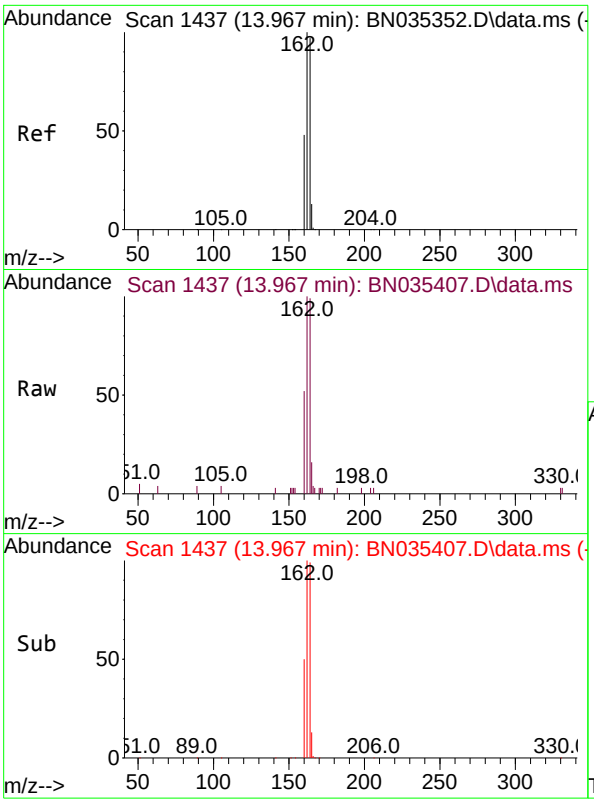


#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 11.656 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Tgt Ion:152 Resp: 3089

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.6	25.0



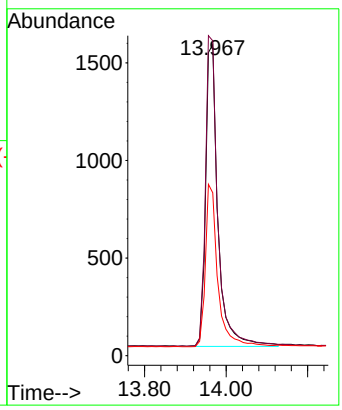


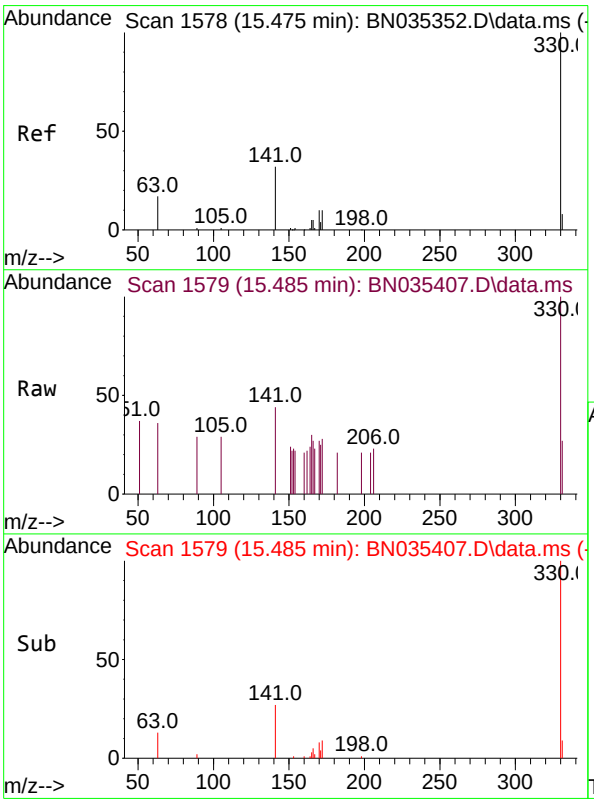
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.967 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Tgt Ion:164 Resp: 3257

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	52.4	40.1	60.1

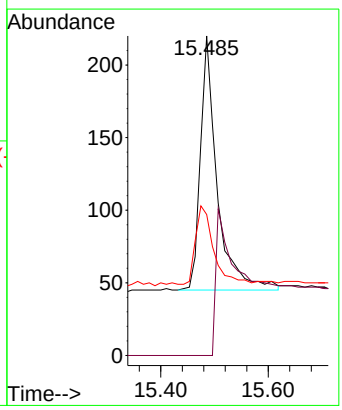


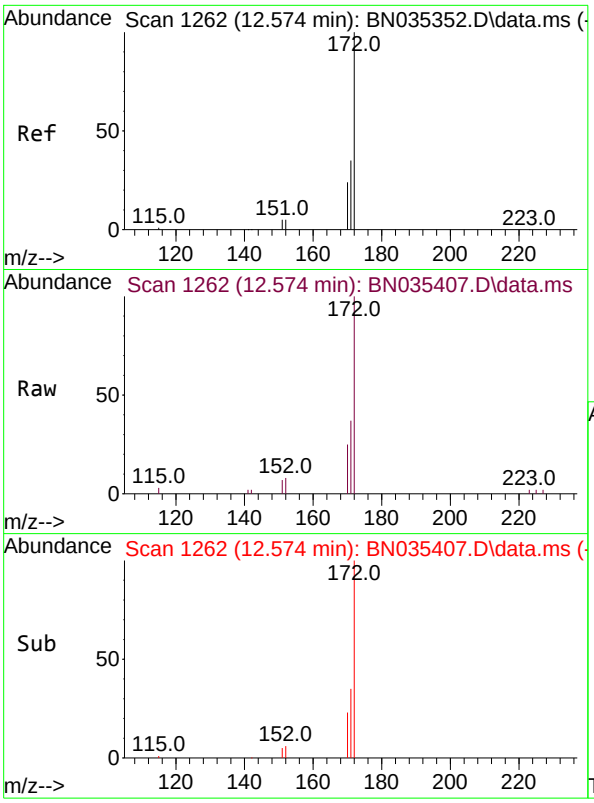


#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 15.485 min Scan# 1579
Delta R.T. 0.011 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Tgt Ion:330 Resp: 400

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.8	26.6	40.0



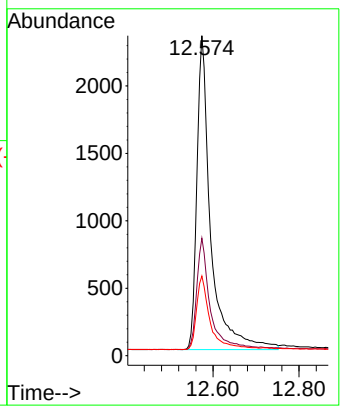


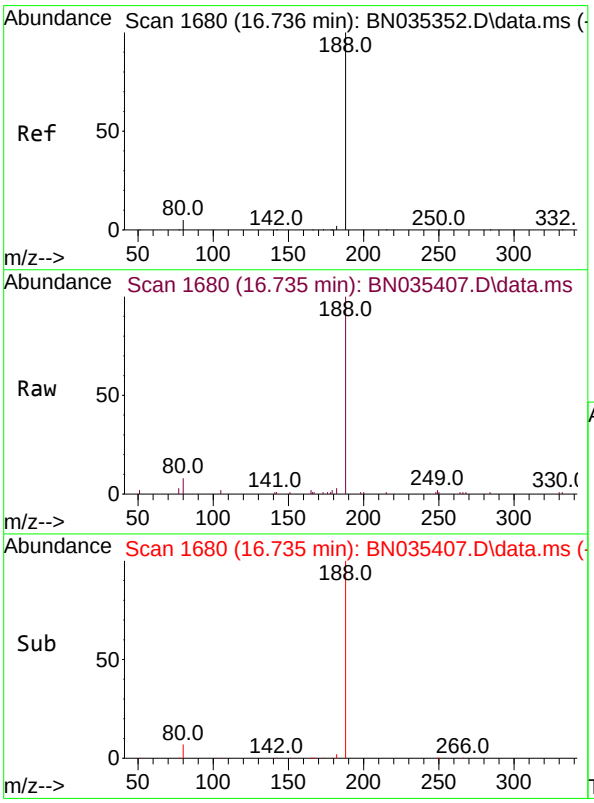
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Tgt Ion:172 Resp: 5204

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.9	19.8	29.8

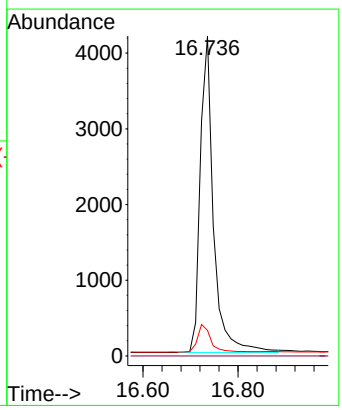


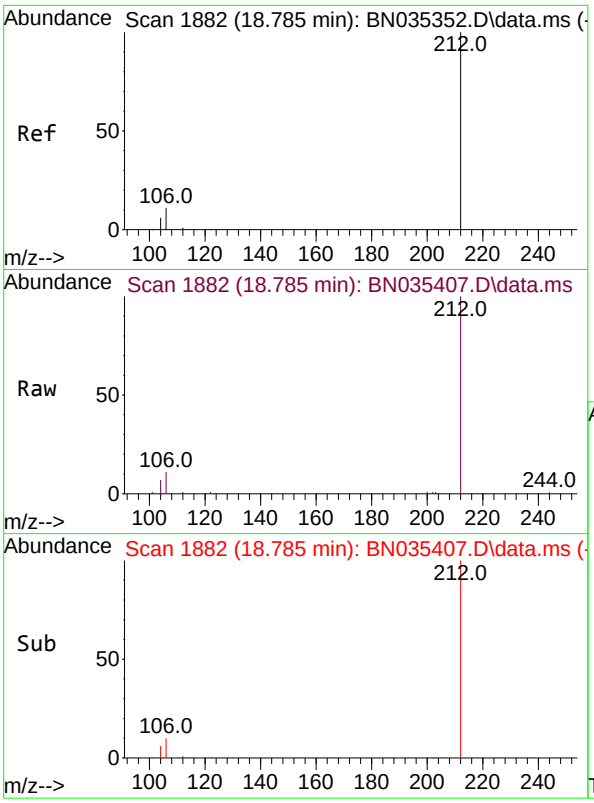


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.735 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Tgt Ion:188 Resp: 8120

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	4.6	6.8#



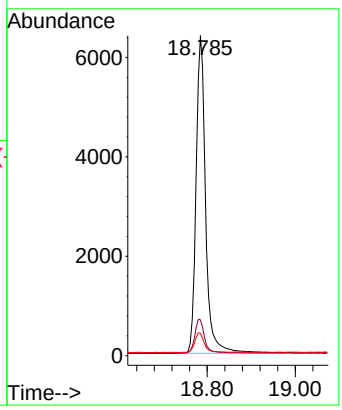


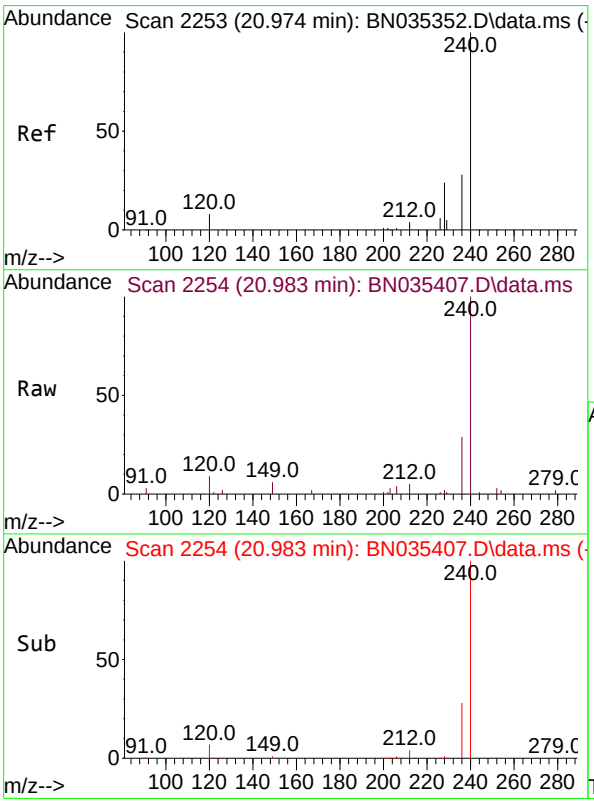
#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Tgt Ion:212 Resp: 9620

Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.2	13.8
104	6.2	5.3	7.9

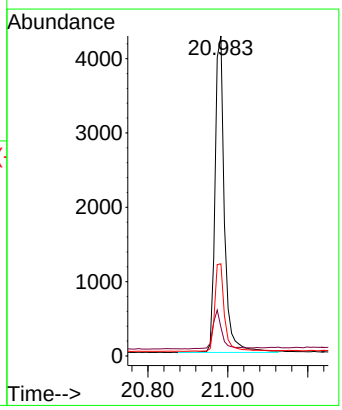


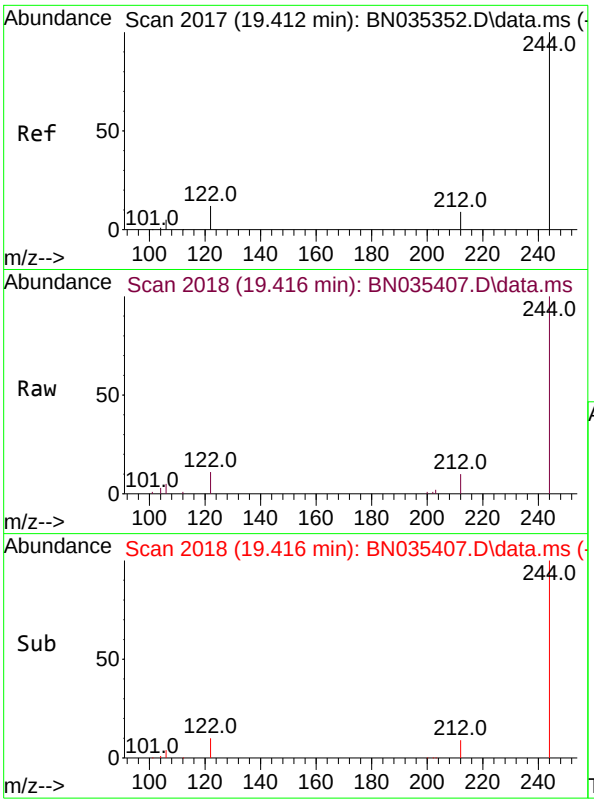


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.983 min Scan# 2254
Delta R.T. 0.009 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Tgt Ion:240 Resp: 6937

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.9	11.9
236	28.8	22.9	34.3



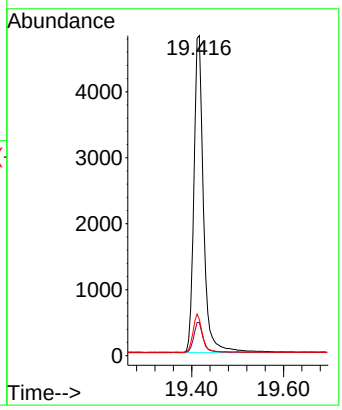


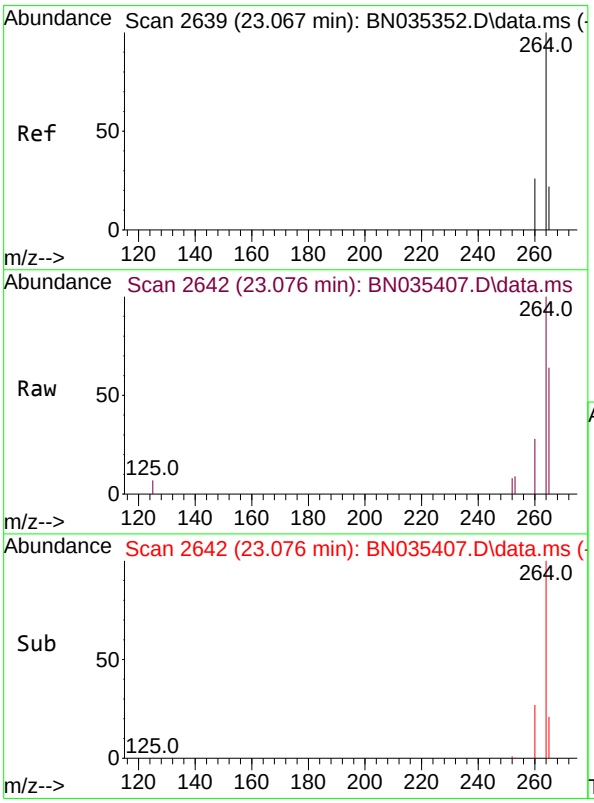
#31
Terphenyl-d14
Concen: 0.512 ng
RT: 19.416 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
PB165348BL

Tgt Ion:244 Resp: 7009

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.1	12.1
122	11.3	10.3	15.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.076 min Scan# 2642
Delta R.T. 0.009 min
Lab File: BN035407.D
Acq: 03 Dec 2024 17:37

Tgt Ion:264 Resp: 6492

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.4	32.2
265	63.6	40.2	60.4#