Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033807.D
Acq On : 07 Sep 2024 06:43
Operator : MA/JU
Sample : SP6615
Misc : 8270 SIM SURR
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6615

Quant Time: Sep 07 07:13:11 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	4775	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	12151	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5475	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	10444	0.400	ng	0.00
29) Chrysene-d12	21.112	240	7518	0.400	ng	0.00
35) Perylene-d12	23.262	264	8027	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	4620	0.316	ng	0.00
5) Phenol-d6	6.700	99	5129	0.296	ng	0.00
8) Nitrobenzene-d5	8.649	82	3965	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	11.865	152	6873	0.400	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	652	0.236	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	9170	0.402	ng	0.00
27) Fluoranthene-d10	18.942	212	10369	0.402	ng	0.00
31) Terphenyl-d14	19.555	244	7042	0.439	ng	0.00
Target Compounds						Qvalue

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

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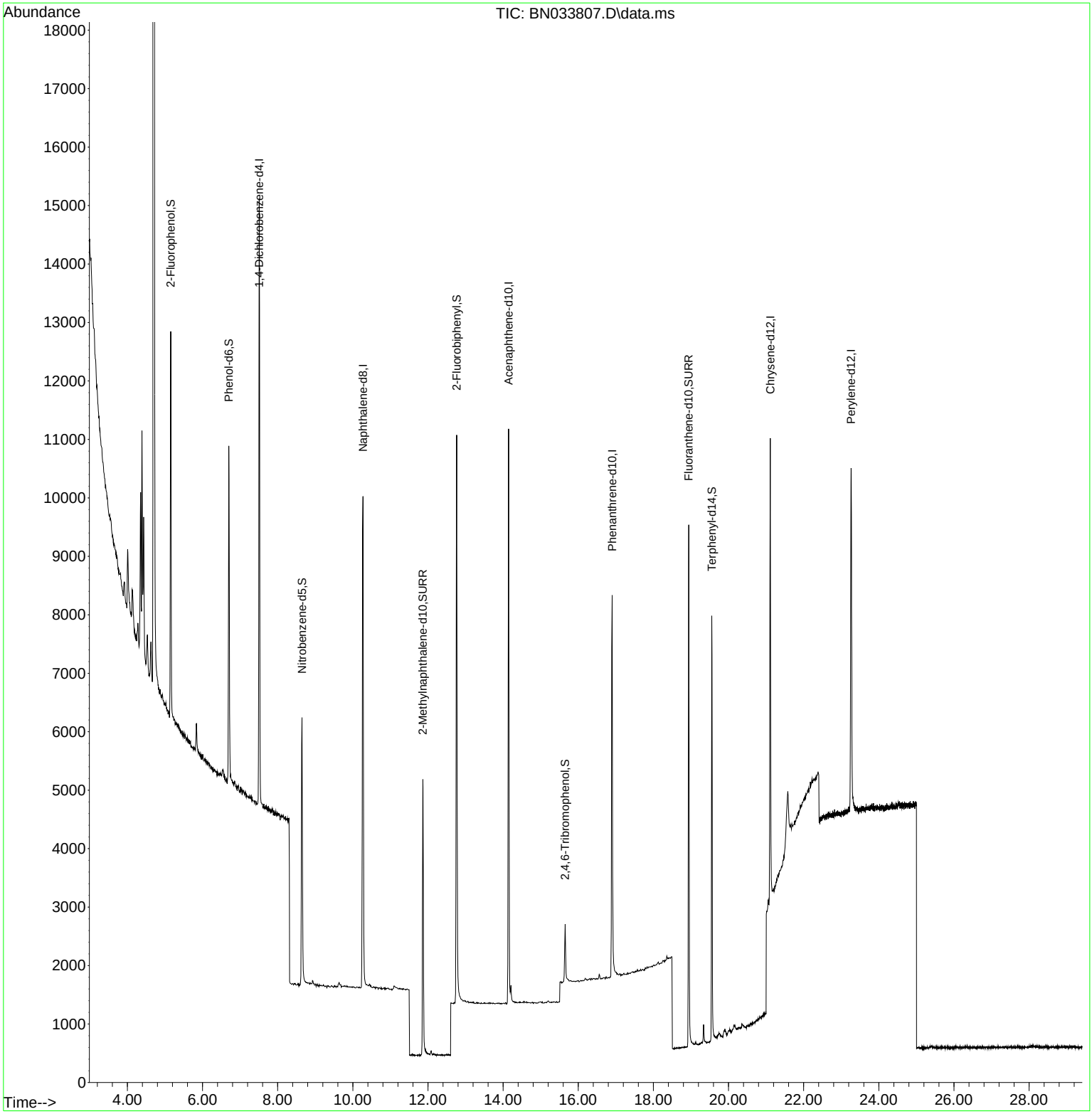
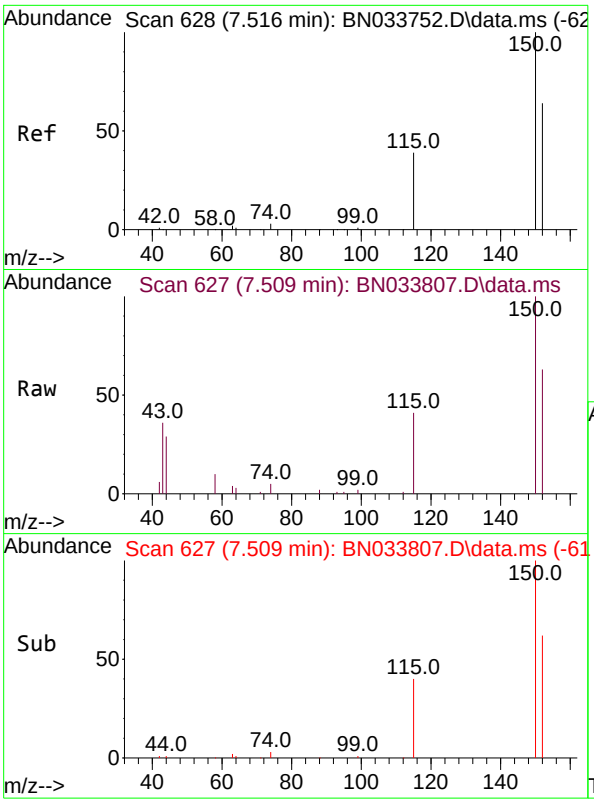


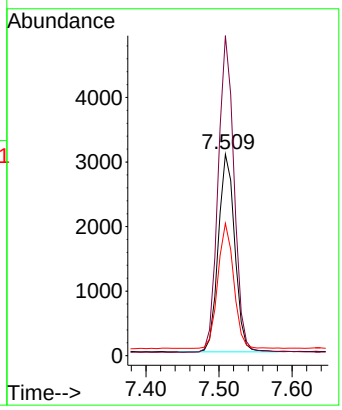


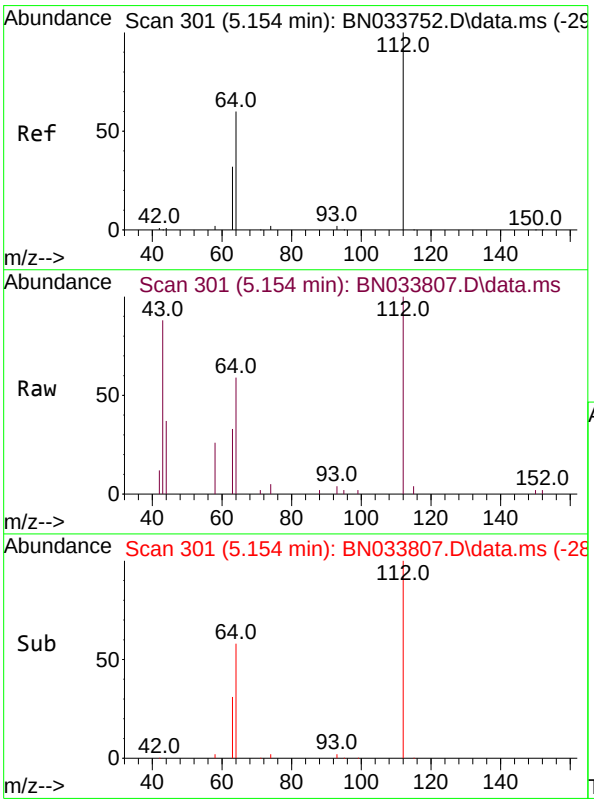
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.509 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615

Tgt Ion:152 Resp: 4775

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.3	184.9
115	65.7	51.0	76.4

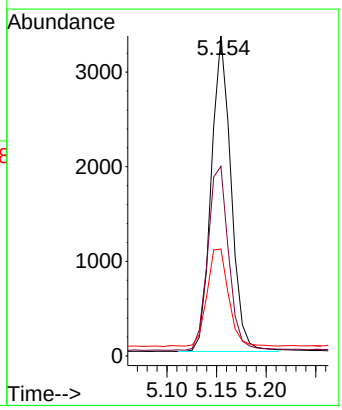


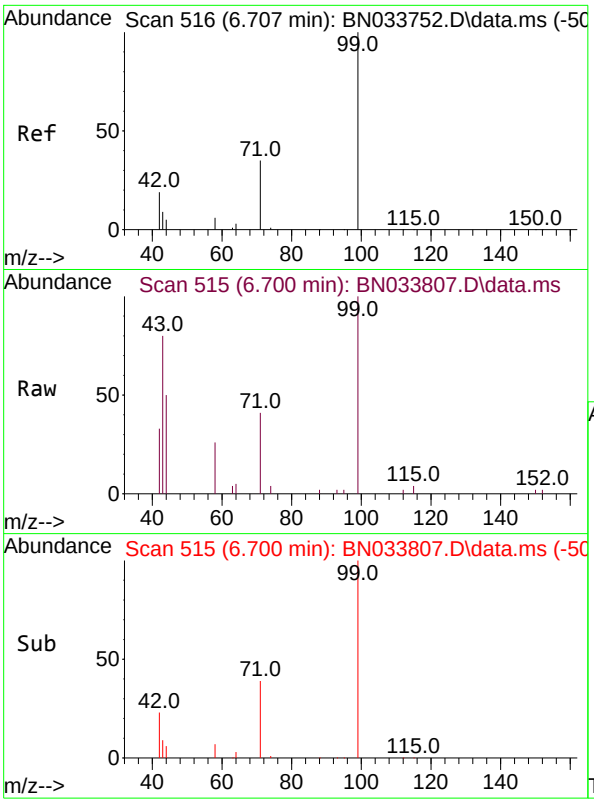


#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:112 Resp: 4620

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.6	71.4
63	33.4	25.9	38.9



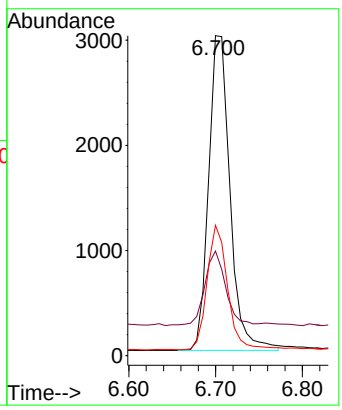


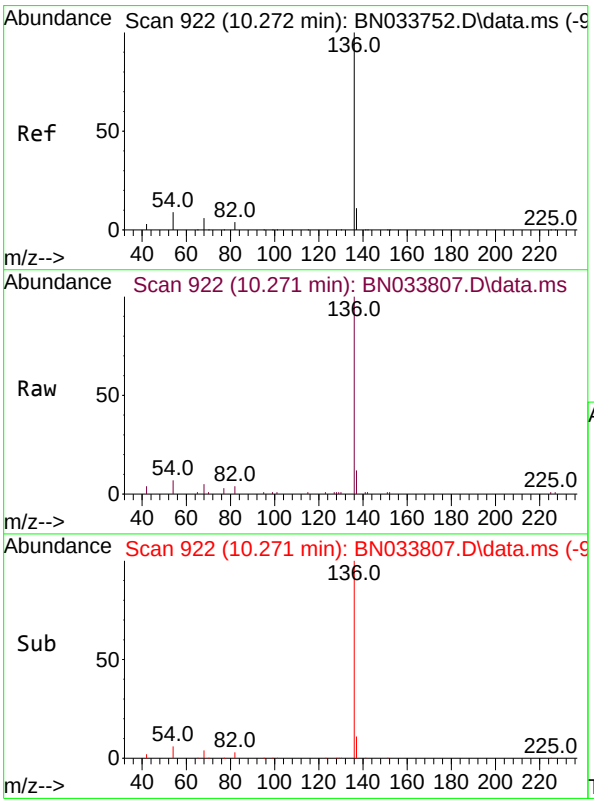
#5
Phenol-d6
Concen: 0.296 ng
RT: 6.700 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615

Tgt Ion: 99 Resp: 5129

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.0	27.0
71	37.7	28.7	43.1

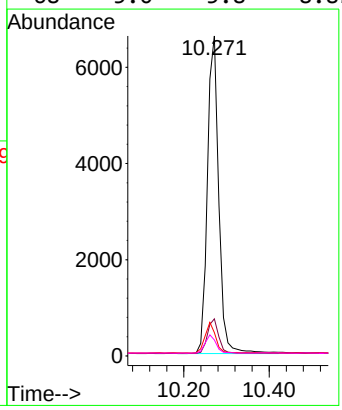


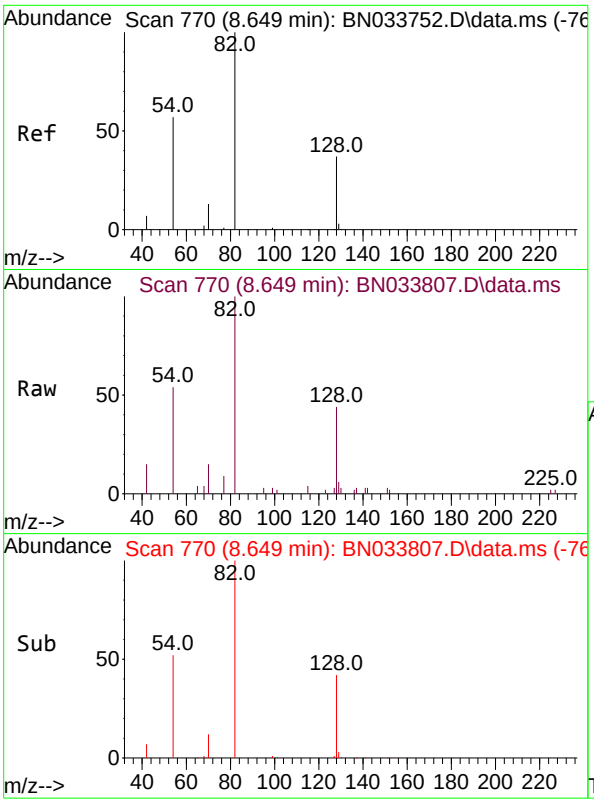


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.271 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:136 Resp: 12151

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	7.3	8.1	12.1#
68	5.0	5.8	8.8#



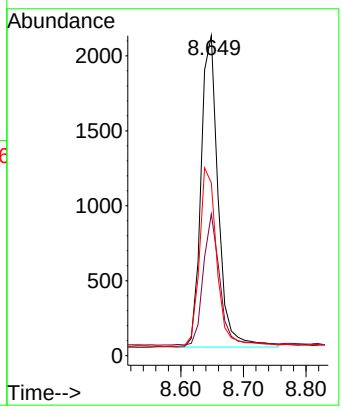


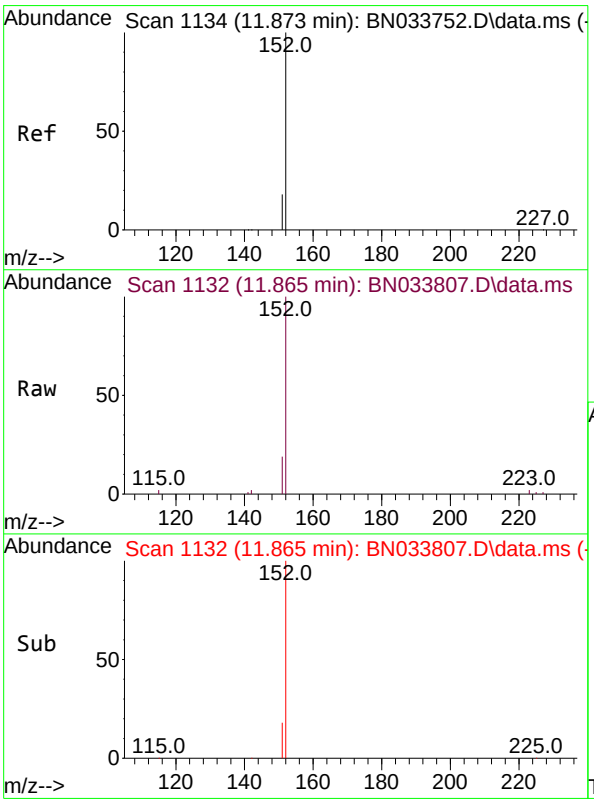
#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.649 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615

Tgt Ion: 82 Resp: 3965

Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	54.0	46.9	70.3

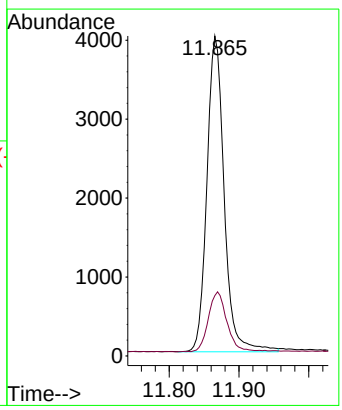


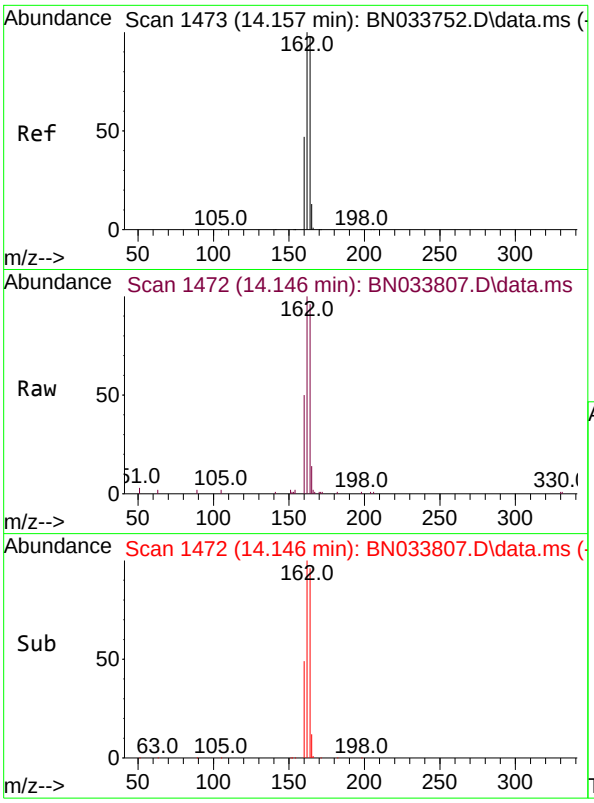


#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.865 min Scan# 1132
Delta R.T. -0.008 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:152 Resp: 6873

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1



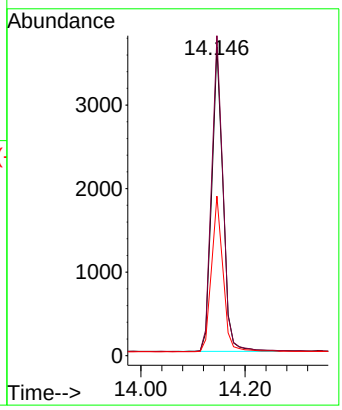


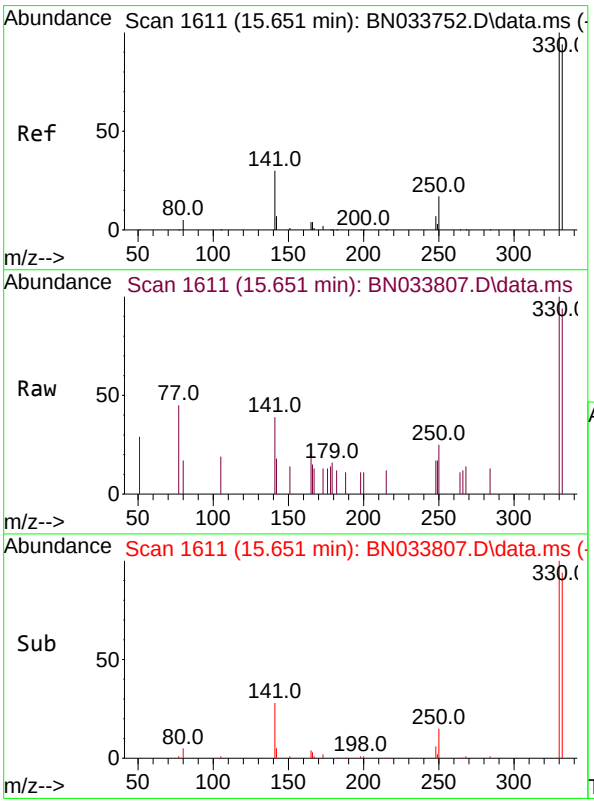
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615

Tgt Ion:164 Resp: 5475

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.0	123.0
160	51.7	39.1	58.7

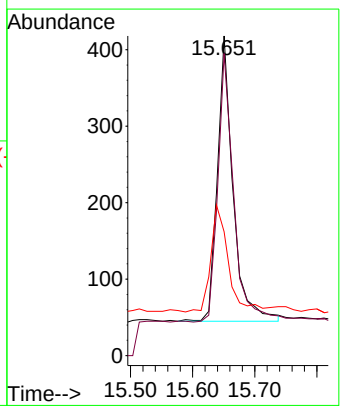


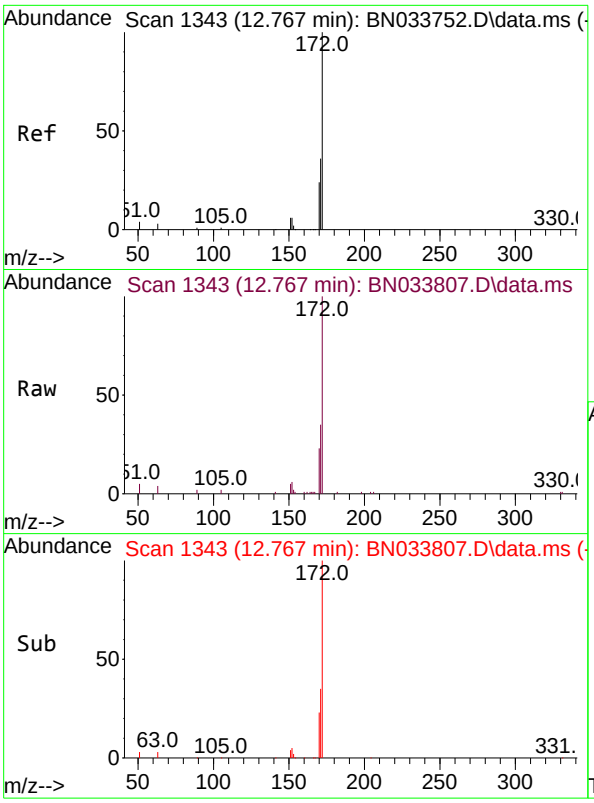


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:330 Resp: 652

Ion	Ratio	Lower	Upper
330	100		
332	95.9	74.2	111.4
141	42.3	33.9	50.9



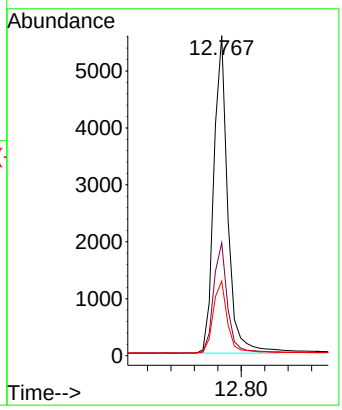


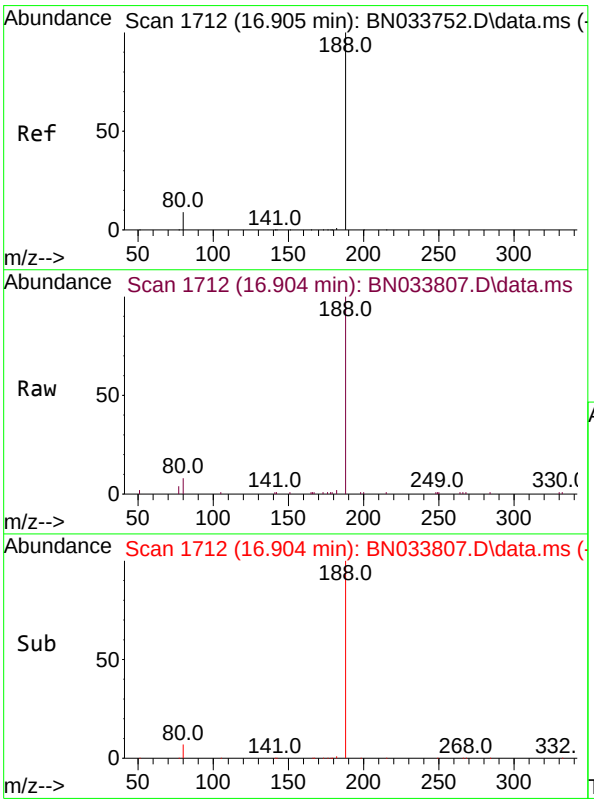
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.767 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615

Tgt Ion:172 Resp: 9170

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.3	19.7	29.5

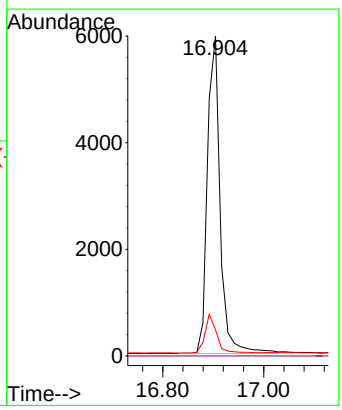


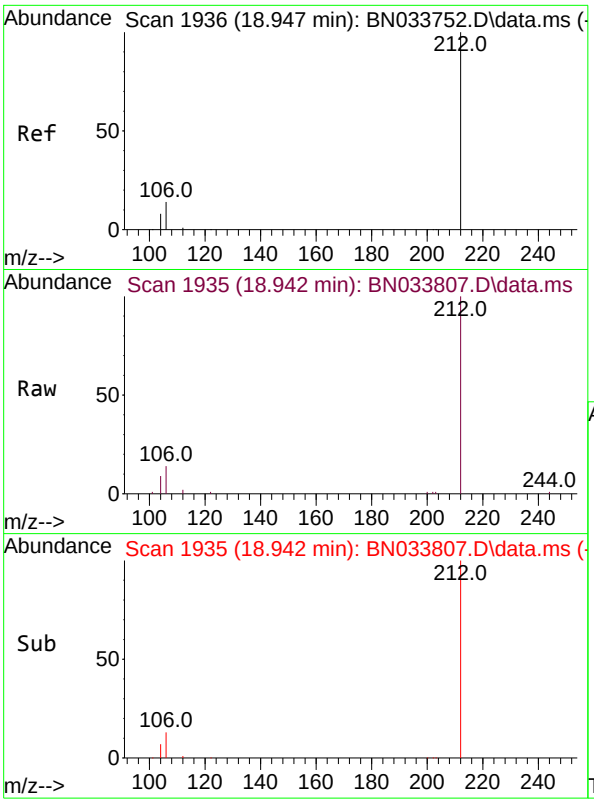


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.904 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:188 Resp: 10444

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.9	11.9



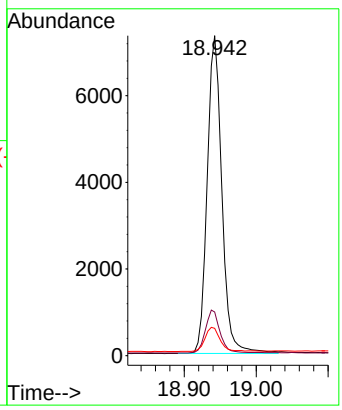


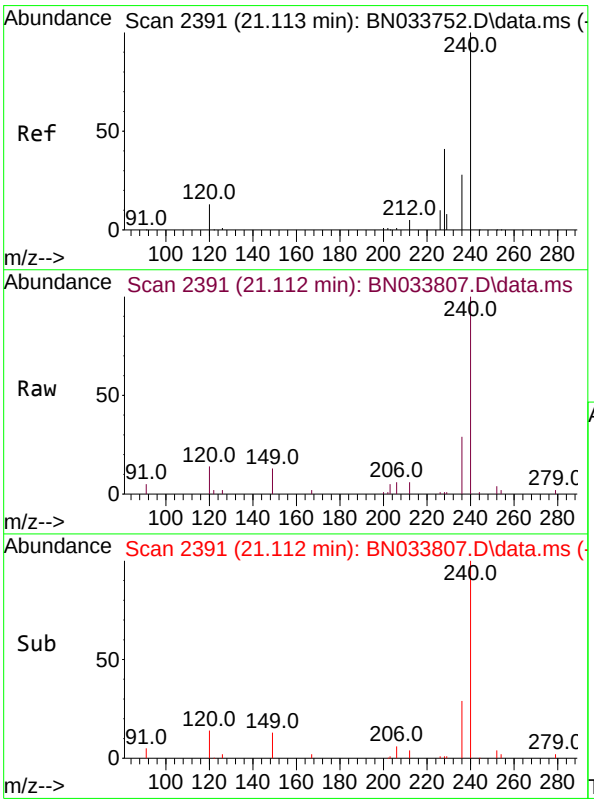
#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.942 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615

Tgt Ion:212 Resp: 10369

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

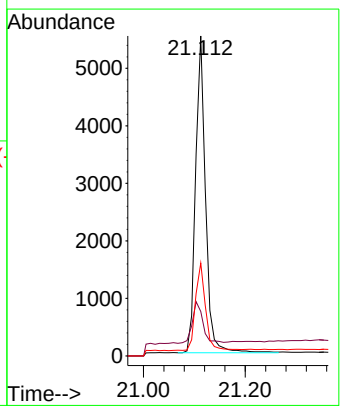


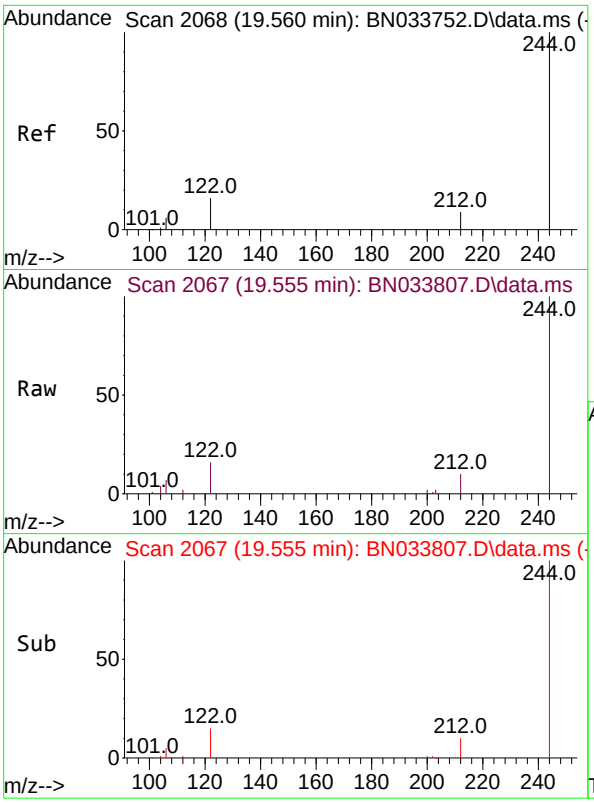


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:240 Resp: 7518

Ion	Ratio	Lower	Upper
240	100		
120	13.9	13.7	20.5
236	29.0	23.4	35.2



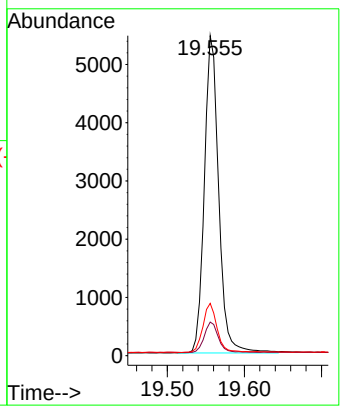


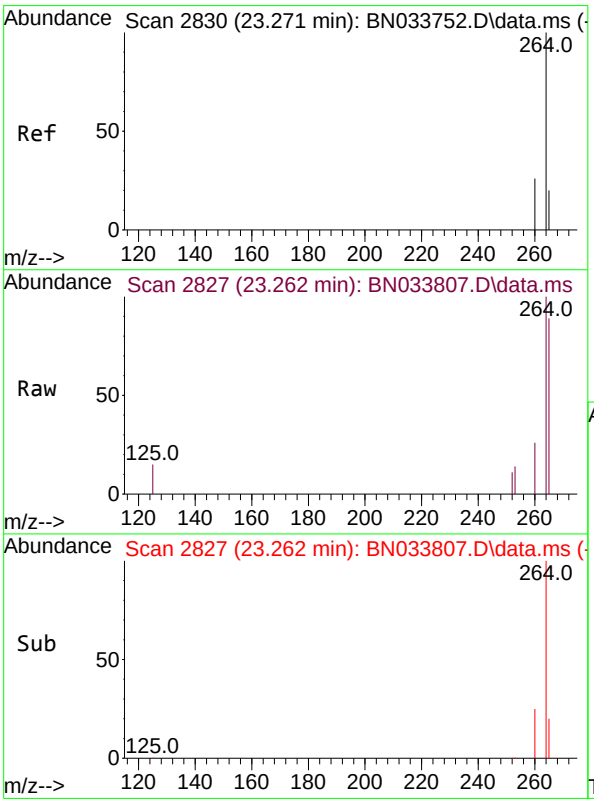
#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.555 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Instrument :
BNA_N
ClientSampleId :
SP6615

Tgt Ion:244 Resp: 7042

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.9	11.9
122	16.3	13.2	19.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.262 min Scan# 2827
Delta R.T. -0.009 min
Lab File: BN033807.D
Acq: 07 Sep 2024 06:43

Tgt Ion:264 Resp: 8027

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.1	31.7
265	89.2	72.0	108.0