Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036113.D
Acq On : 29 Jan 2025 18:42
Operator : RC/JU
Sample : PB166297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Quant Time: Jan 30 00:35:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2136	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	4915	0.400	ng	-0.01
13) Acenaphthene-d10	14.442	164	2707	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	5606	0.400	ng	0.00
29) Chrysene-d12	21.376	240	4293	0.400	ng	0.00
35) Perylene-d12	23.678	264	4681	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	2354	0.424	ng	0.03
5) Phenol-d6	7.023	99	2714	0.416	ng	0.05
8) Nitrobenzene-d5	8.956	82	1959	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	12.192	152	2885	0.432	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	538	0.310	ng	0.02
15) 2-Fluorobiphenyl	13.073	172	4491	0.372	ng	0.00
27) Fluoranthene-d10	19.220	212	6282	0.433	ng	0.00
31) Terphenyl-d14	19.820	244	5035	0.565	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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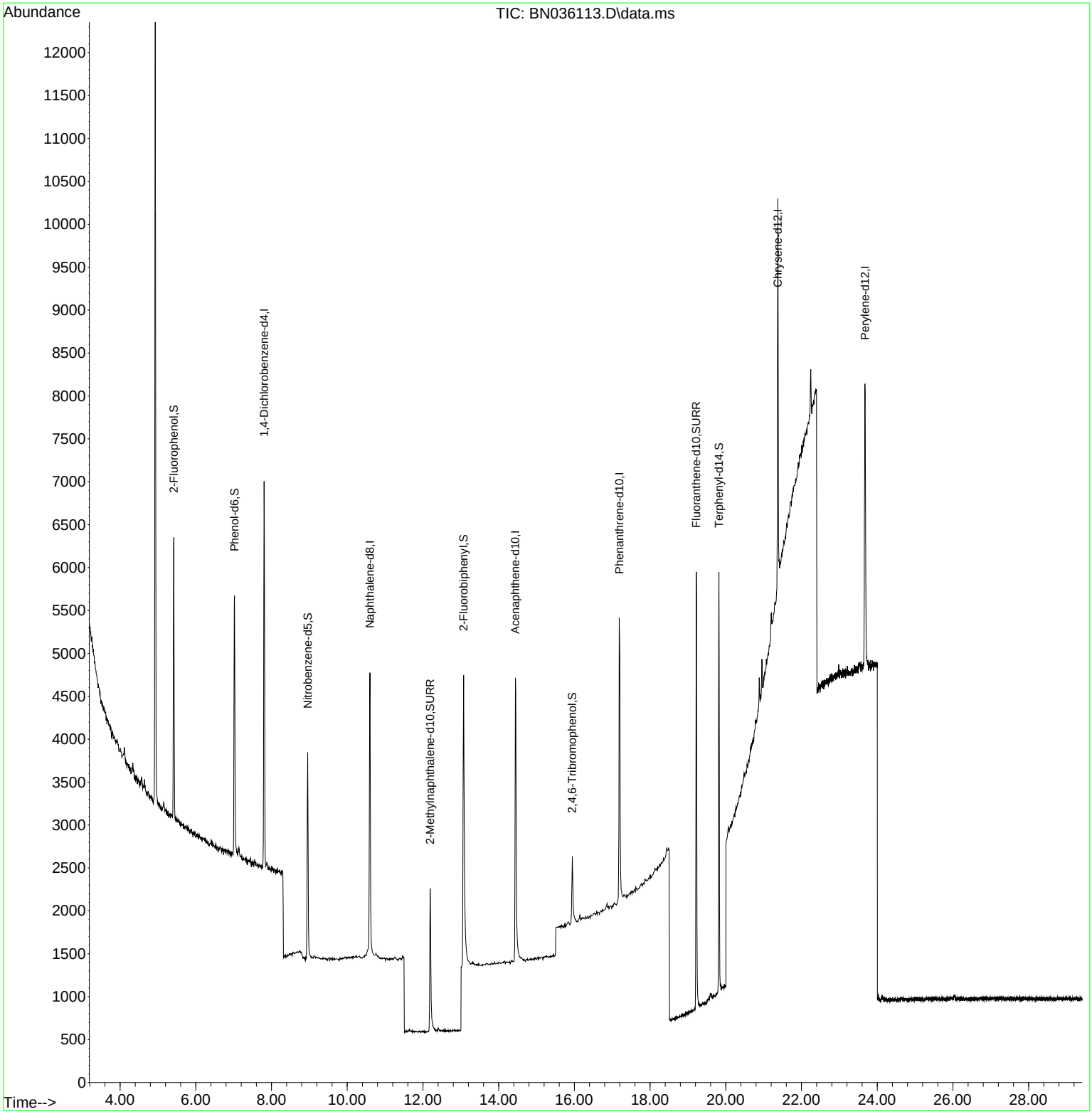
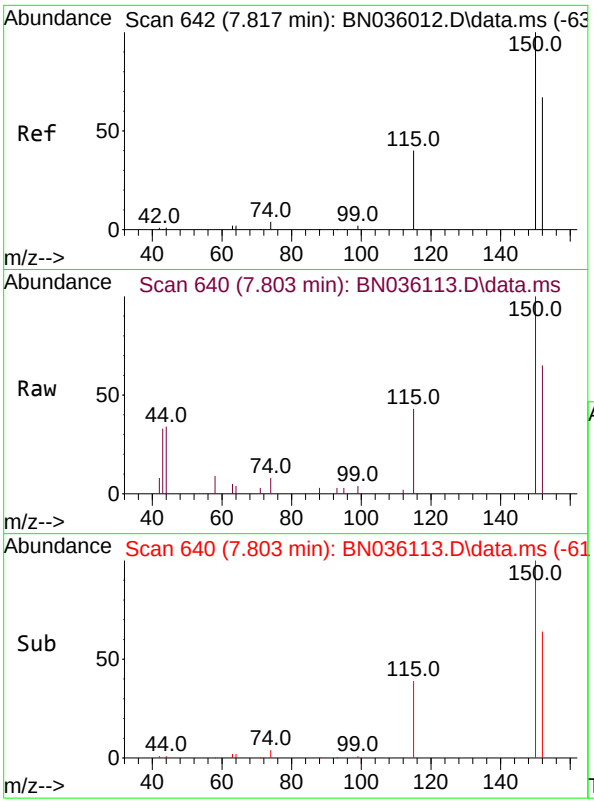
Response via : Initial Calibration



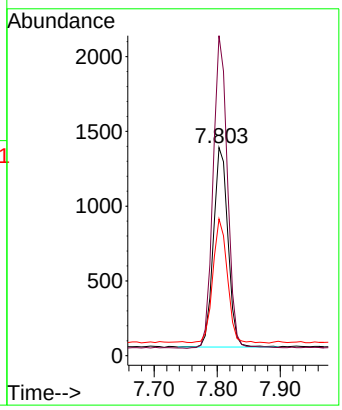


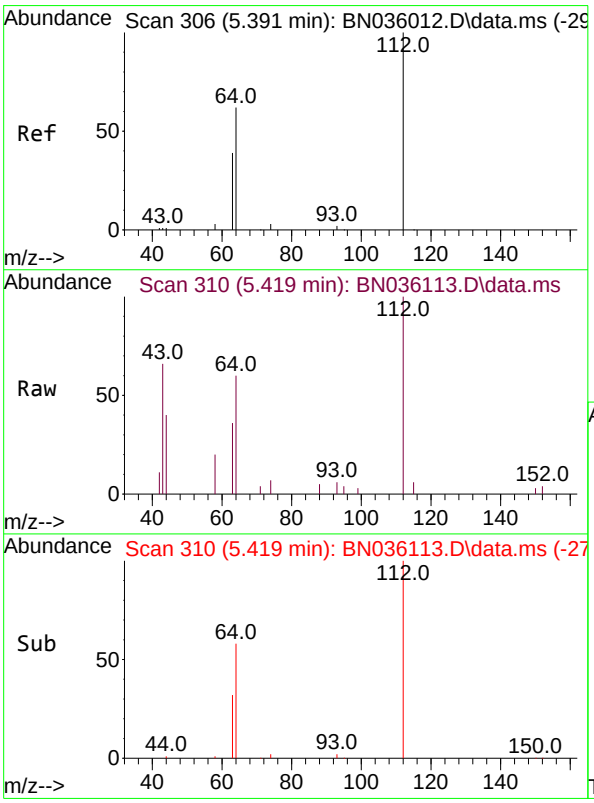
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Tgt Ion:152 Resp: 2136

Ion	Ratio	Lower	Upper
152	100		
150	153.7	117.4	176.2
115	65.7	51.0	76.4

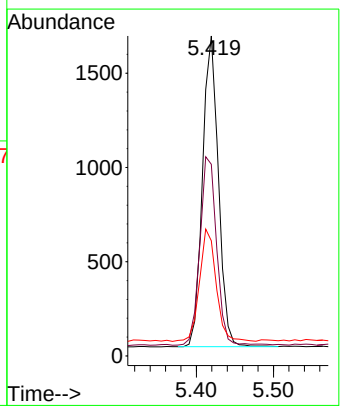


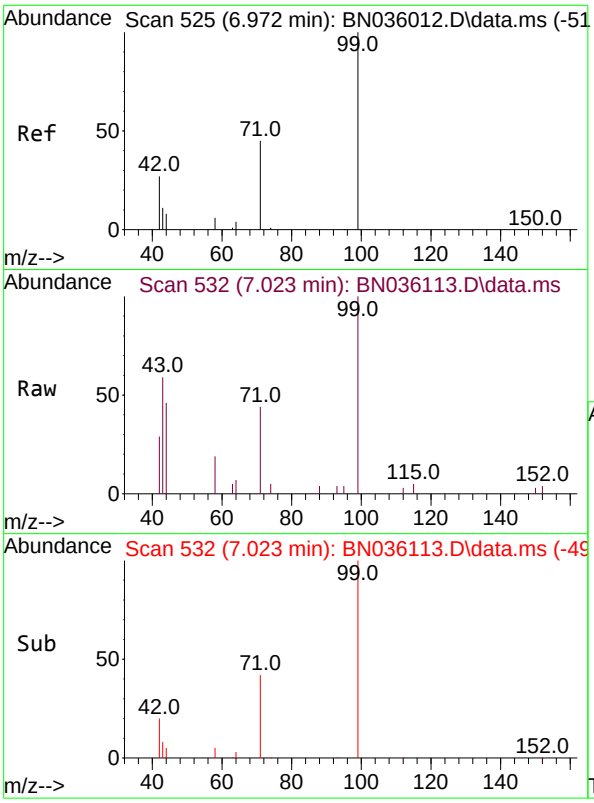


#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:112 Resp: 2354

Ion	Ratio	Lower	Upper
112	100		
64	64.1	50.0	75.0
63	37.8	30.7	46.1



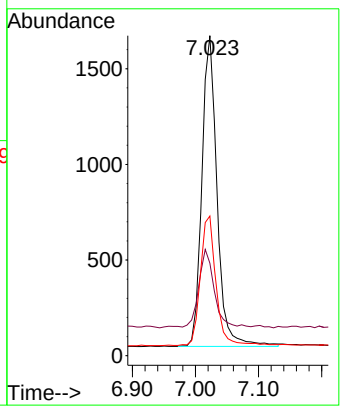


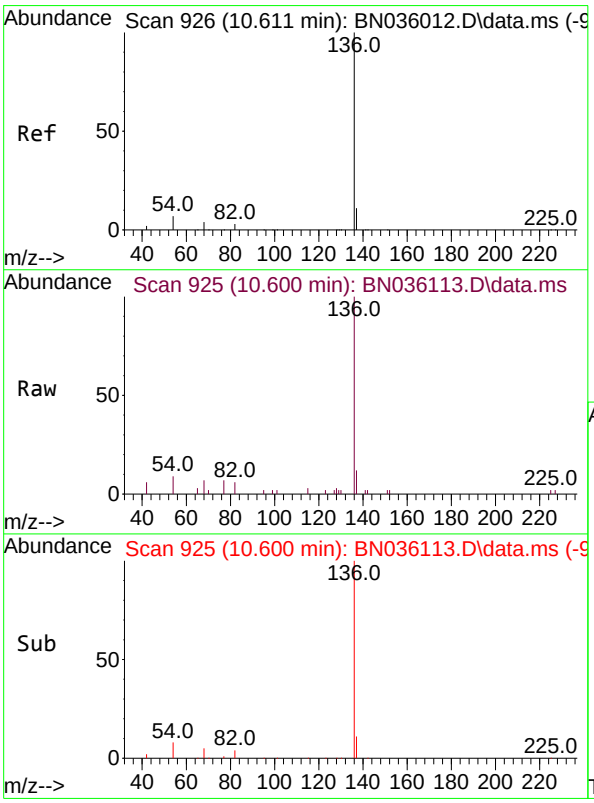
#5
Phenol-d6
Concen: 0.416 ng
RT: 7.023 min Scan# 5
Delta R.T. 0.051 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Tgt Ion: 99 Resp: 2714

Ion	Ratio	Lower	Upper
99	100		
42	25.2	26.8	40.2#
71	43.1	36.6	55.0

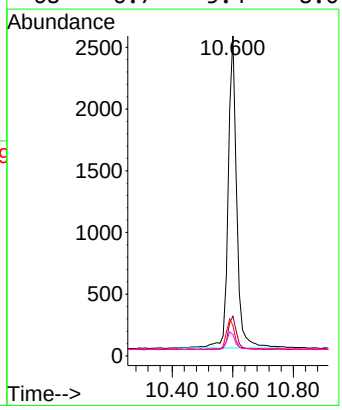


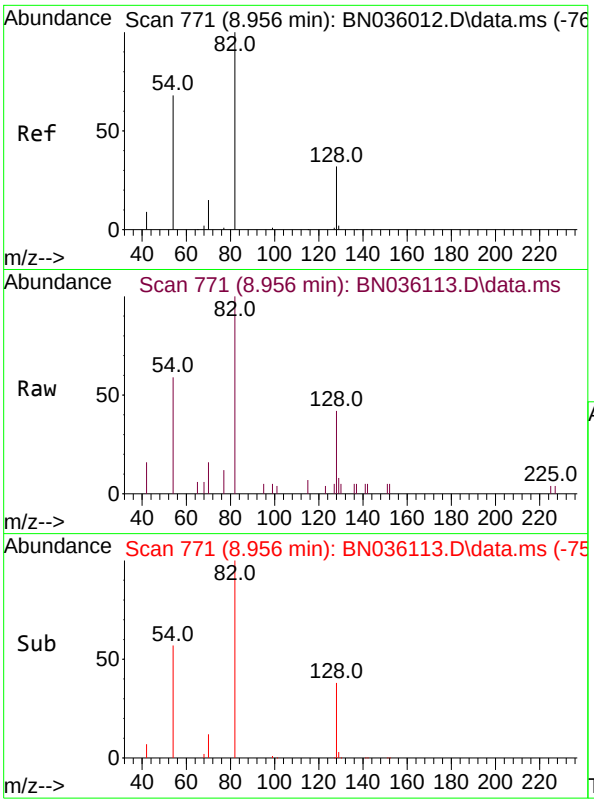


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:136 Resp: 4915

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	9.5	7.7	11.5
68	6.7	5.4	8.0



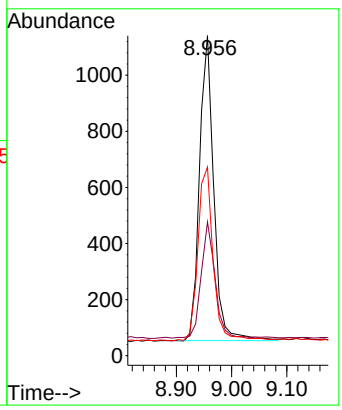


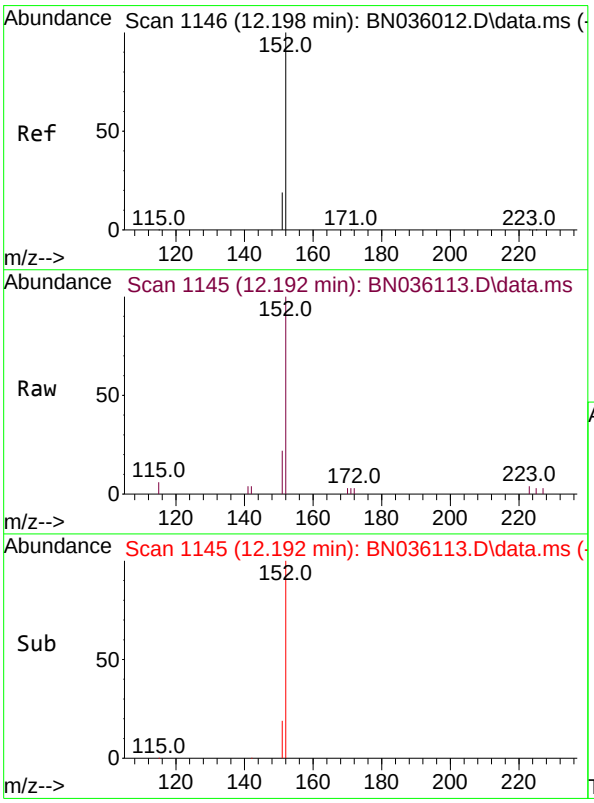
#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.956 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Tgt Ion: 82 Resp: 1959

Ion	Ratio	Lower	Upper
82	100		
128	41.8	28.8	43.2
54	59.0	55.8	83.8

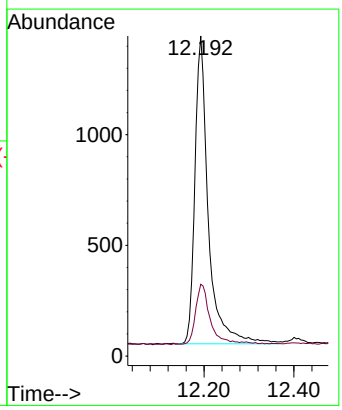


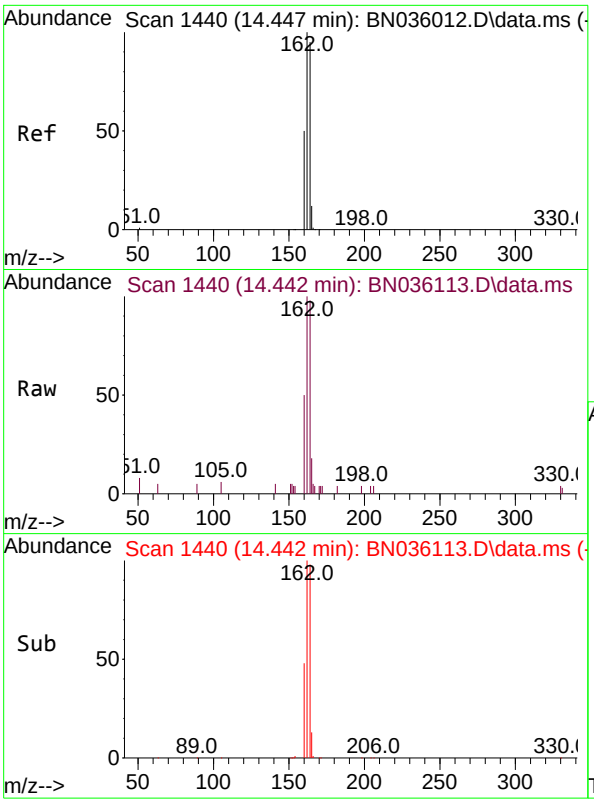


#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.192 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:152 Resp: 2885

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0



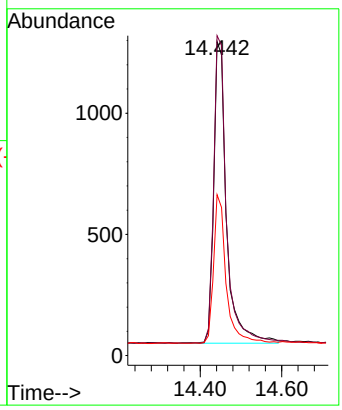


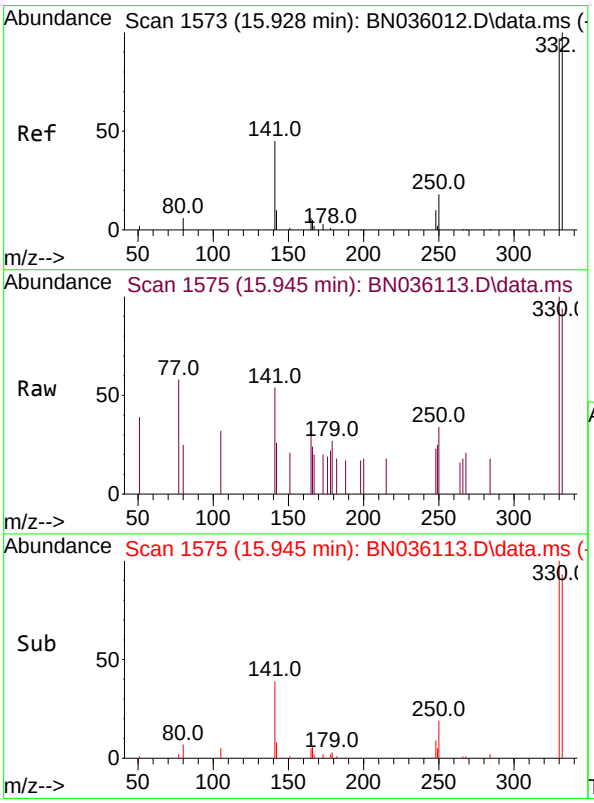
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.442 min Scan# 14
Delta R.T. -0.006 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Tgt Ion:164 Resp: 2707

Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.1	126.1
160	51.3	43.8	65.8

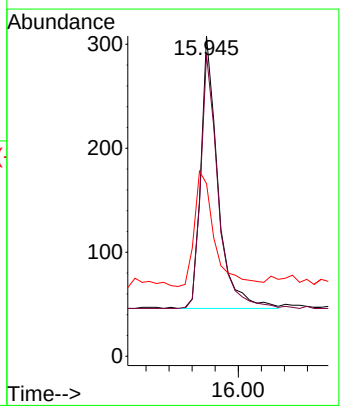


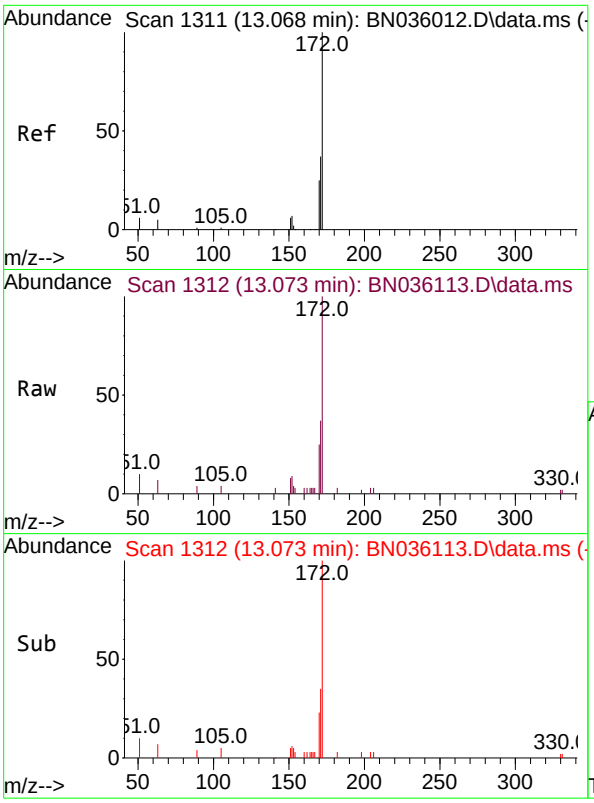


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.945 min Scan# 1575
Delta R.T. 0.017 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:330 Resp: 538

Ion	Ratio	Lower	Upper
330	100		
332	94.6	81.0	121.4
141	50.2	36.7	55.1



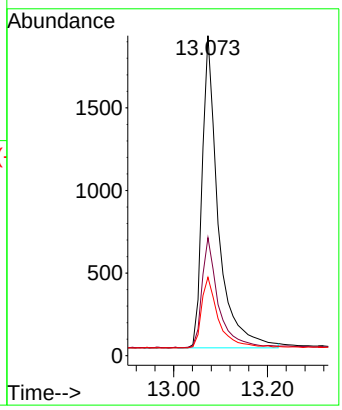


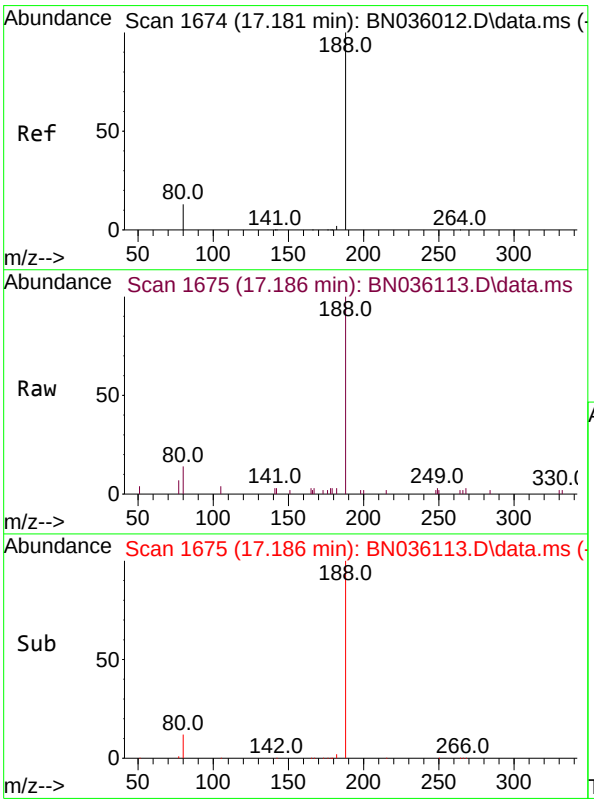
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.073 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Tgt Ion:172 Resp: 4491

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.9	46.3
170	24.5	21.2	31.8

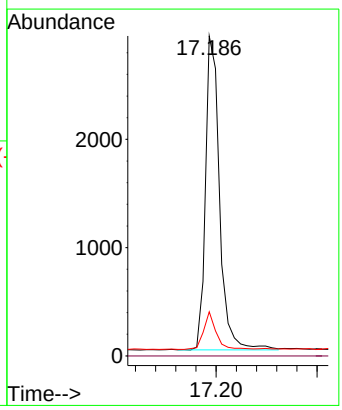


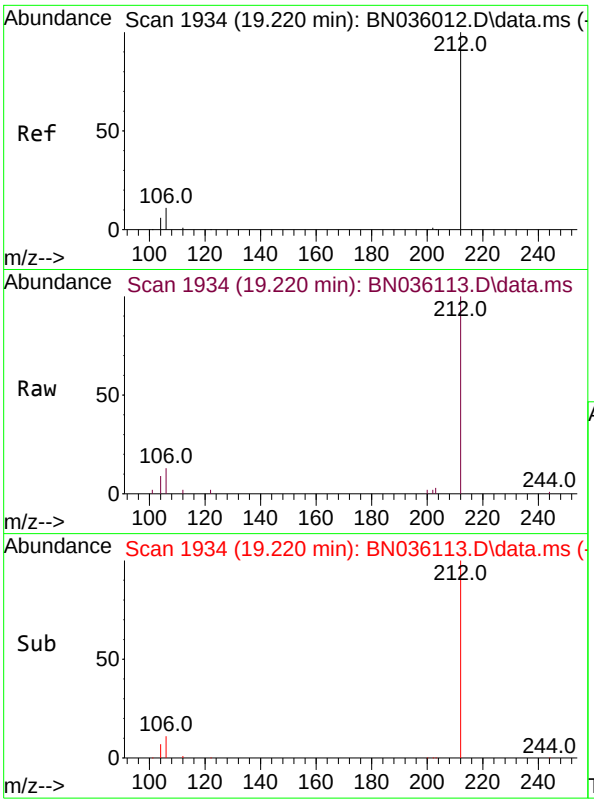


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:188 Resp: 5606

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	12.3	18.5



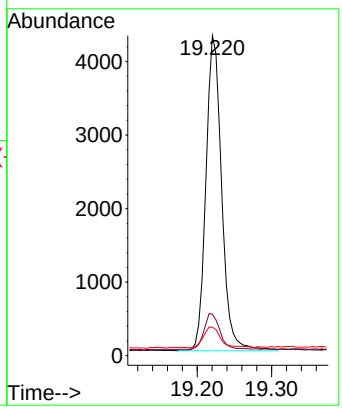


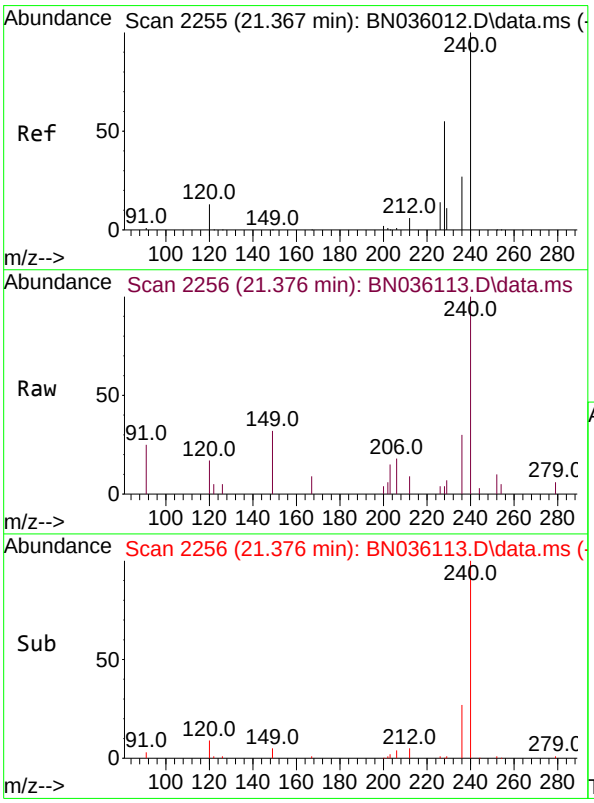
#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Tgt Ion:212 Resp: 6282

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.7	14.5
104	7.3	6.0	9.0

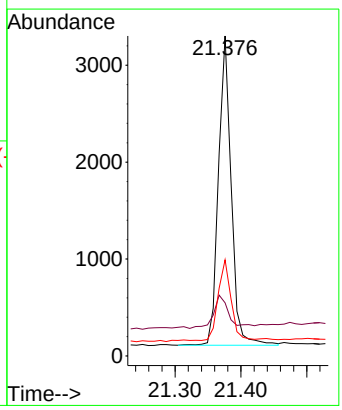


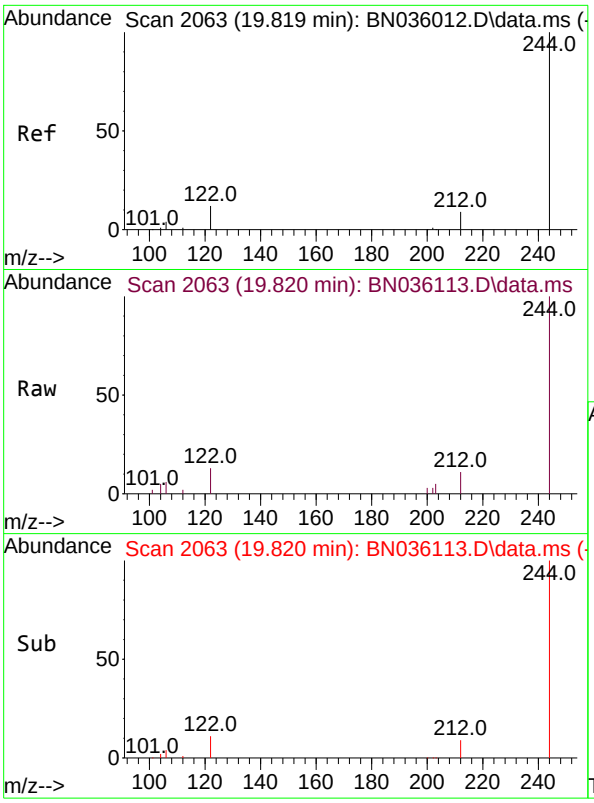


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2256
Delta R.T. 0.009 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:240 Resp: 4293

Ion	Ratio	Lower	Upper
240	100		
120	16.6	13.9	20.9
236	30.1	23.7	35.5



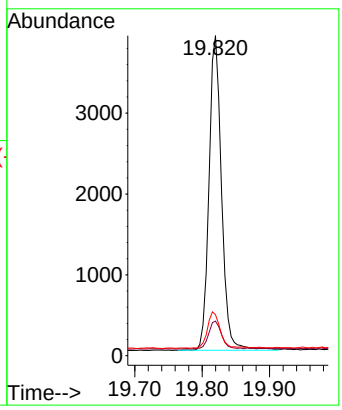


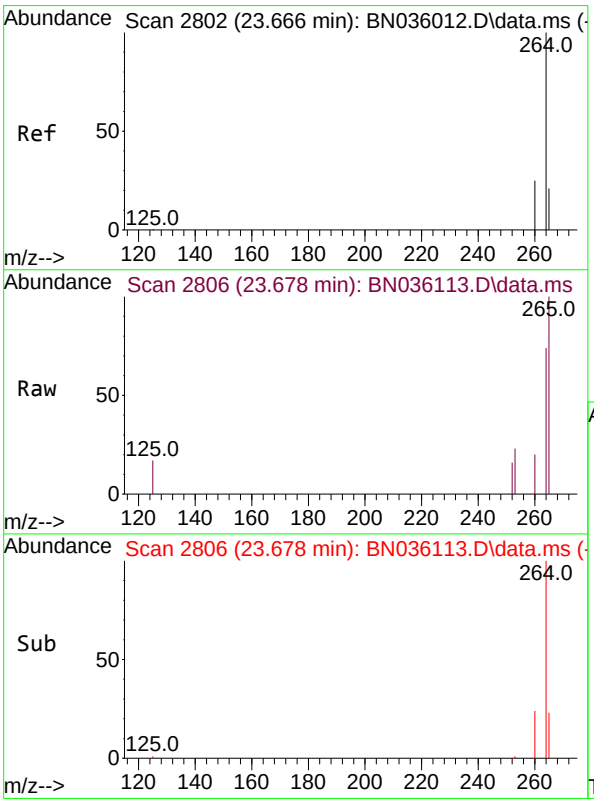
#31
Terphenyl-d14
Concen: 0.565 ng
RT: 19.820 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL

Tgt Ion:244 Resp: 5035

Ion	Ratio	Lower	Upper
244	100		
212	10.8	9.1	13.7
122	12.8	11.3	16.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.678 min Scan# 2806
Delta R.T. 0.012 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:264 Resp: 4681

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.8	32.6
265	135.9	56.6	84.8#