Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010725\
Data File : BN035898.D
Acq On : 07 Jan 2025 16:08
Operator : RC/JU
Sample : PB165971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Quant Time: Jan 07 16:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	1101	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	2139	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1003	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1872	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	1597	0.400	ng	0.00
35) Perylene-d12	23.692	264	1804	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	1018	0.377	ng	-0.01
5) Phenol-d6	6.979	99	1202	0.358	ng	0.00
8) Nitrobenzene-d5	8.977	82	839	0.495	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	1323	0.462	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	166	0.345	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	2055	0.467	ng	0.00
27) Fluoranthene-d10	19.234	212	2177	0.468	ng	0.00
31) Terphenyl-d14	19.838	244	1533	0.482	ng	0.00
Target Compounds						Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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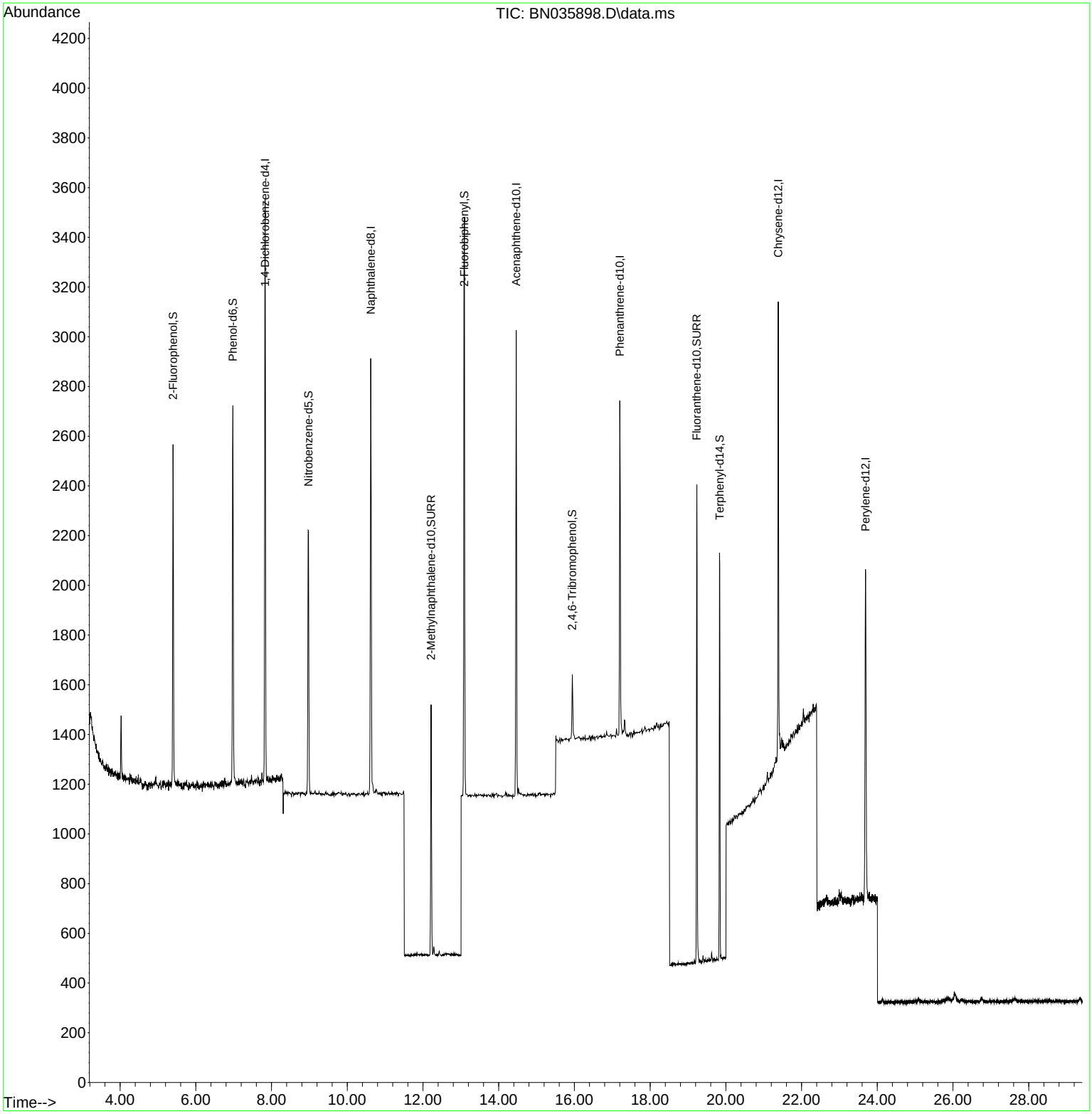
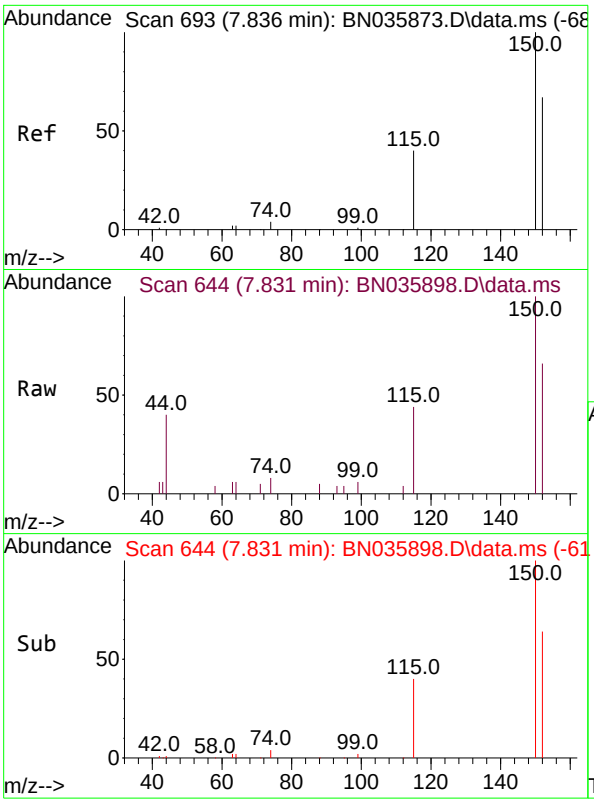


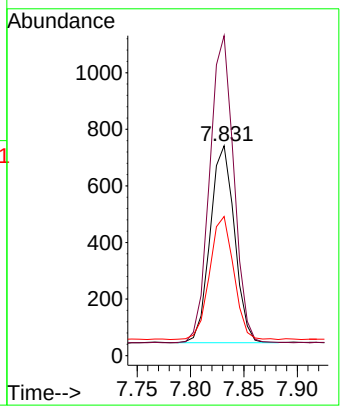


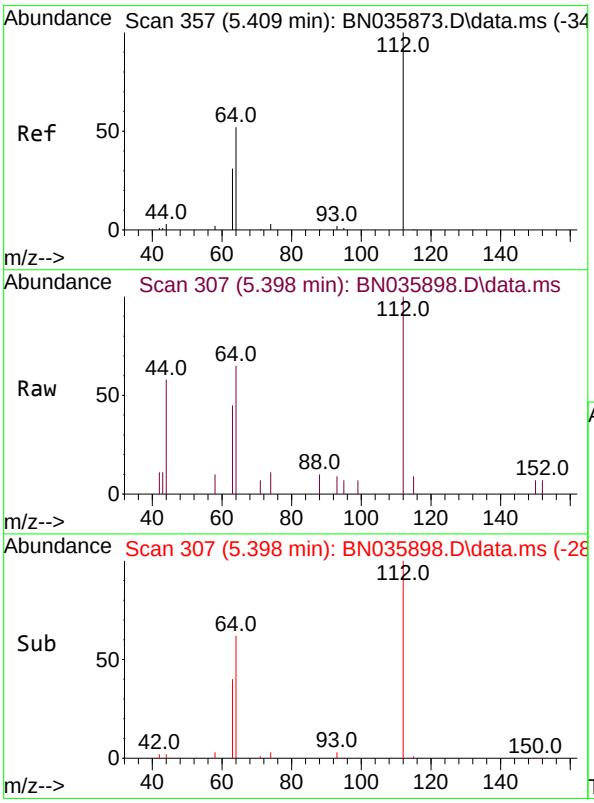
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.831 min Scan# 64
Delta R.T. -0.005 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Tgt Ion:152 Resp: 1101

Ion	Ratio	Lower	Upper
152	100		
150	152.4	117.8	176.6
115	66.3	51.0	76.4

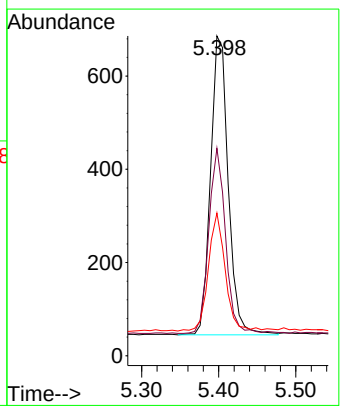


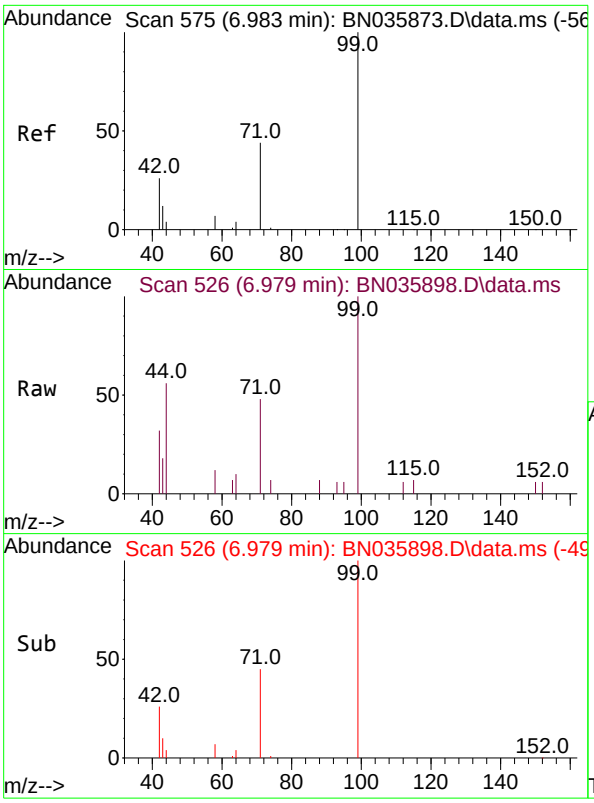


#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:112 Resp: 1018

Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.2	72.2
63	38.0	30.0	45.0



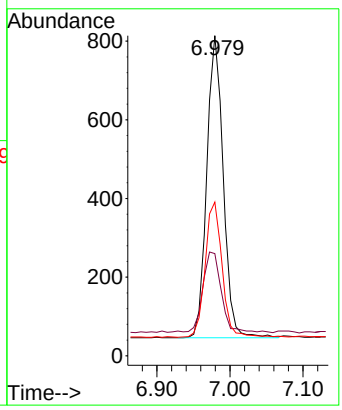


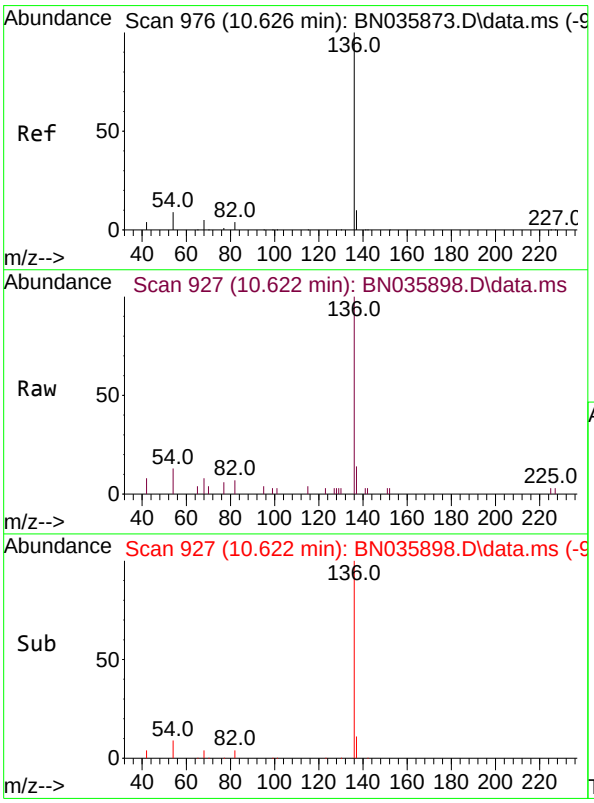
#5
Phenol-d6
Concen: 0.358 ng
RT: 6.979 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Tgt Ion: 99 Resp: 1202

Ion	Ratio	Lower	Upper
99	100		
42	30.0	23.5	35.3
71	46.5	35.5	53.3

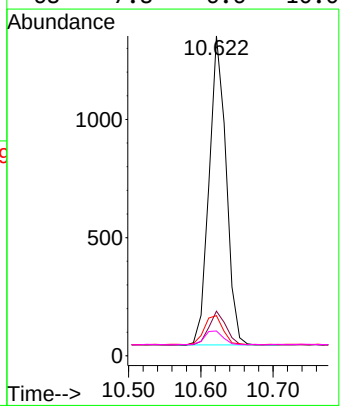


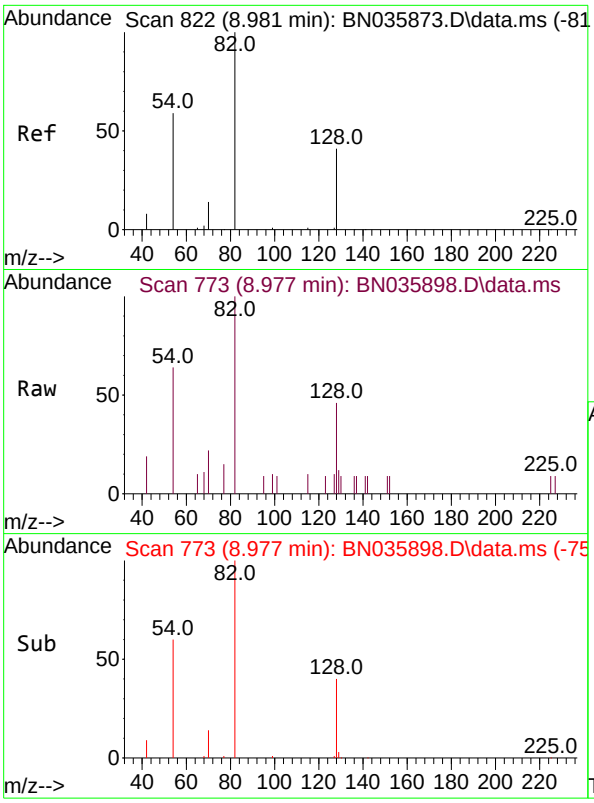


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:136 Resp: 2139

Ion	Ratio	Lower	Upper
136	100		
137	14.0	10.6	15.8
54	12.6	9.8	14.6
68	7.8	6.6	10.0



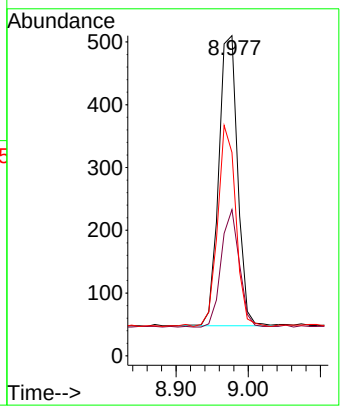


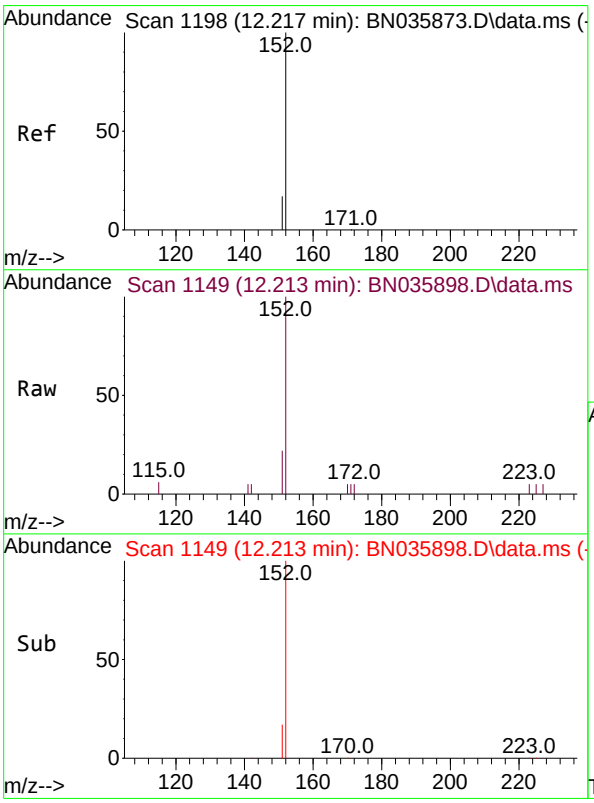
#8
Nitrobenzene-d5
Concen: 0.495 ng
RT: 8.977 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Tgt Ion: 82 Resp: 839

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.9	55.3
54	63.5	50.4	75.6

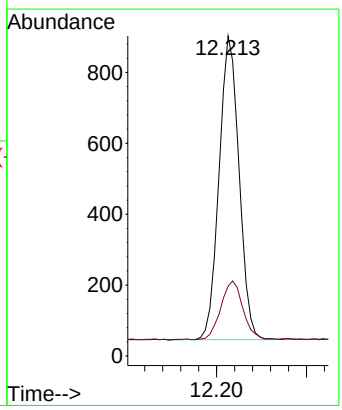


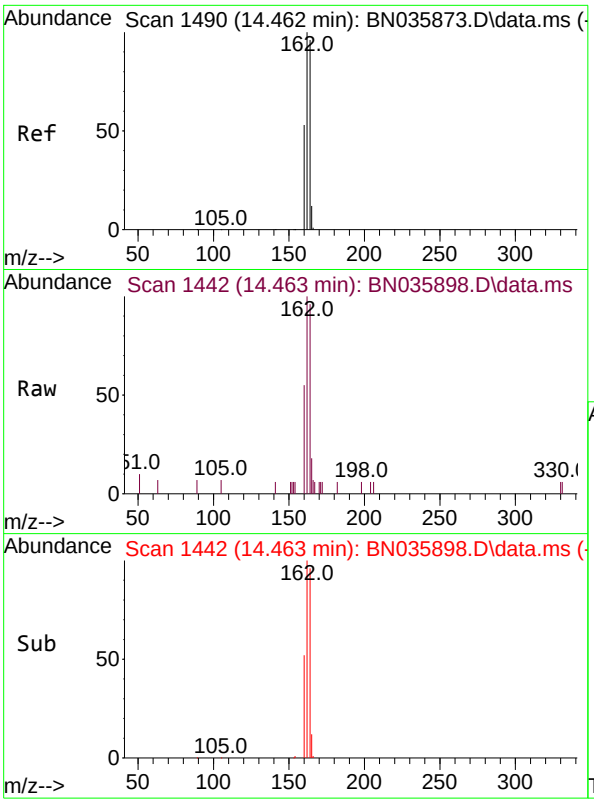


#11
2-Methylnaphthalene-d10
Concen: 0.462 ng
RT: 12.213 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:152 Resp: 1323

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6



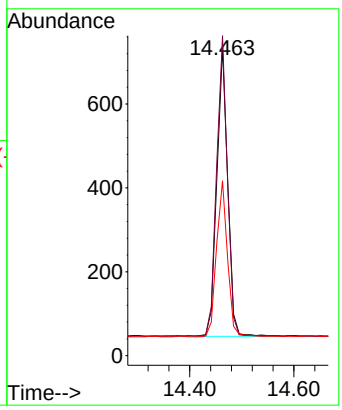


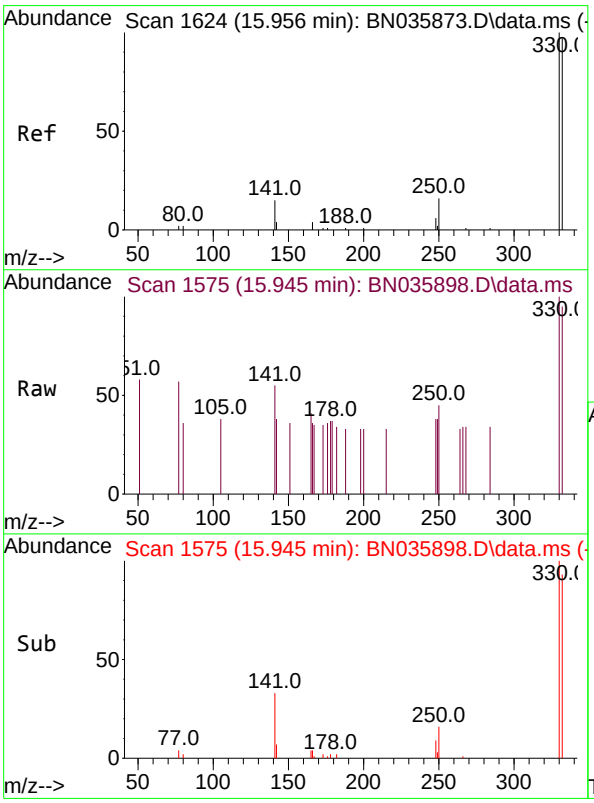
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Tgt Ion:164 Resp: 1003

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.1	124.7
160	56.7	46.0	69.0

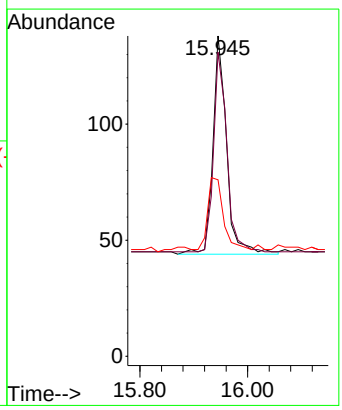


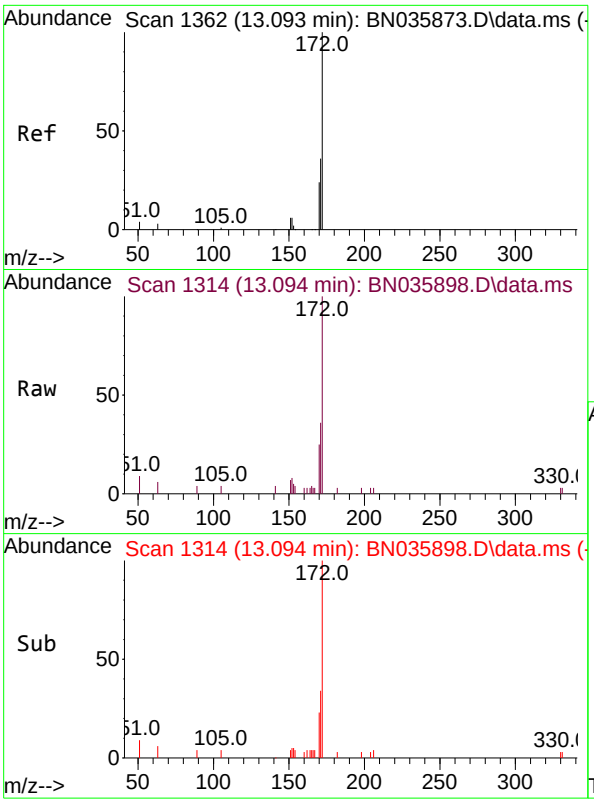


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:330 Resp: 166

Ion	Ratio	Lower	Upper
330	100		
332	88.6	77.2	115.8
141	38.6	31.6	47.4



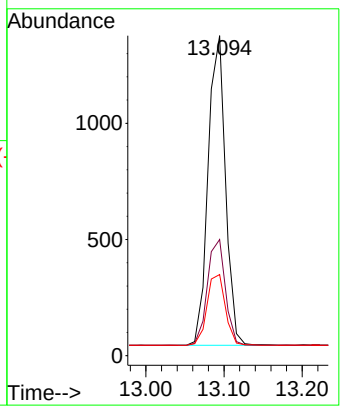


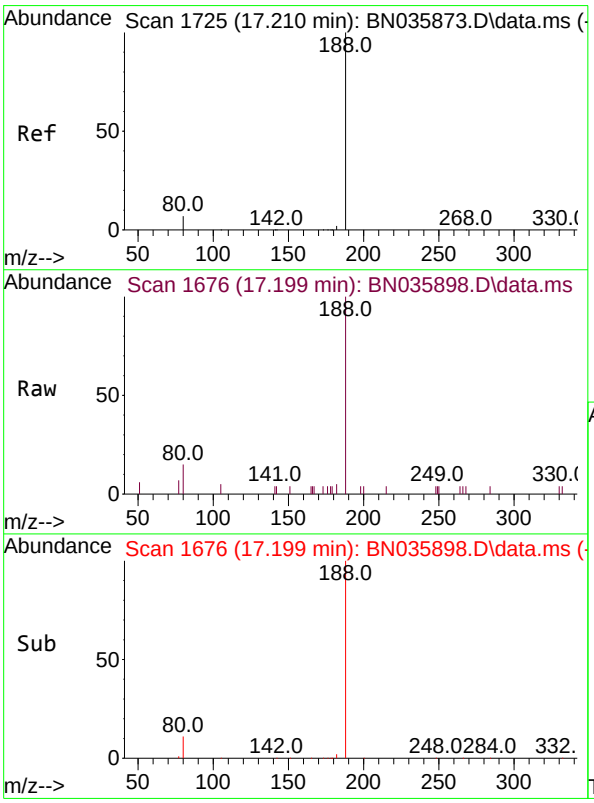
#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 13.094 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Tgt Ion:172 Resp: 2055

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	25.3	20.8	31.2

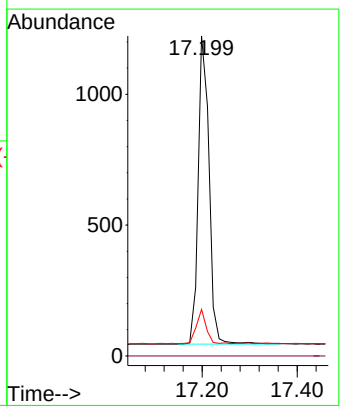


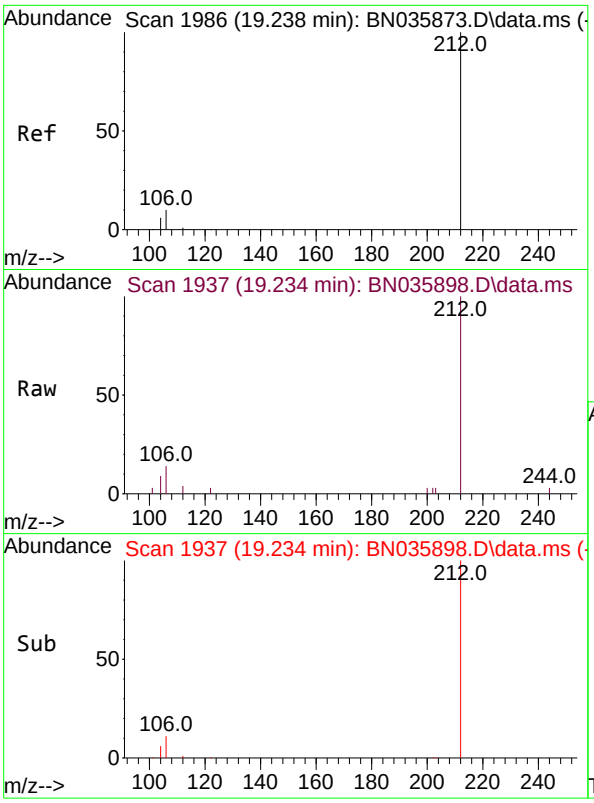


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1676
Delta R.T. -0.011 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:188 Resp: 1872

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	7.3	10.9#



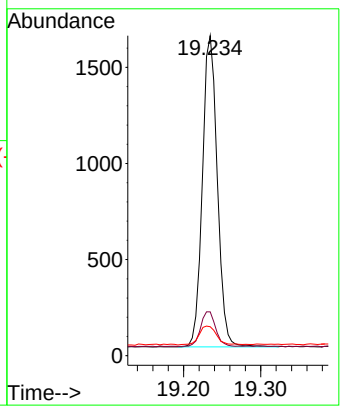


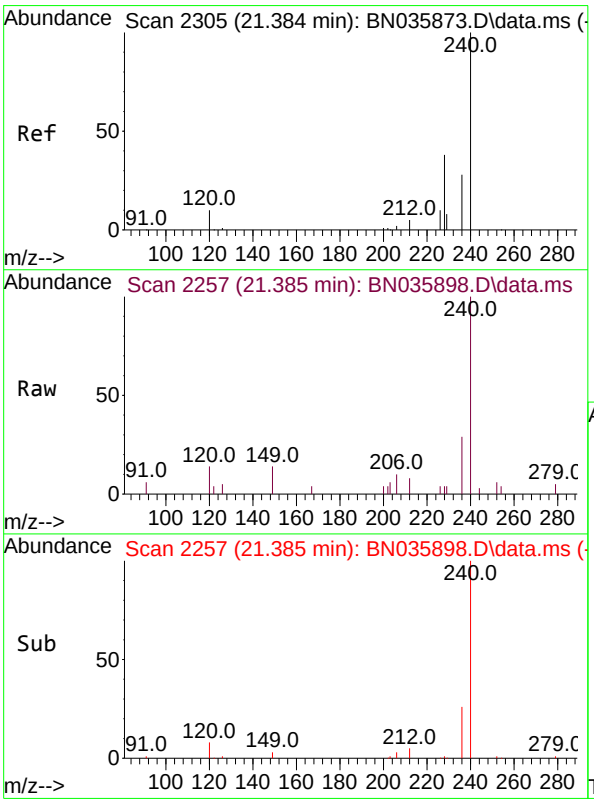
#27
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.234 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Tgt Ion:212 Resp: 2177

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.0	13.6
104	7.2	5.4	8.2

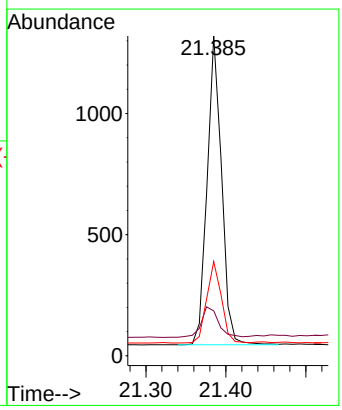


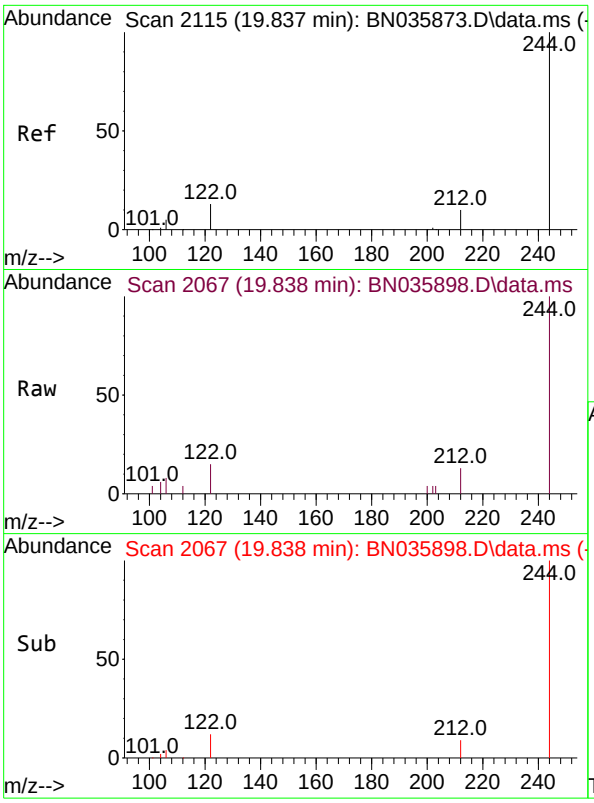


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2257
Delta R.T. 0.001 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:240 Resp: 1597

Ion	Ratio	Lower	Upper
240	100		
120	14.1	11.1	16.7
236	29.5	24.6	36.8



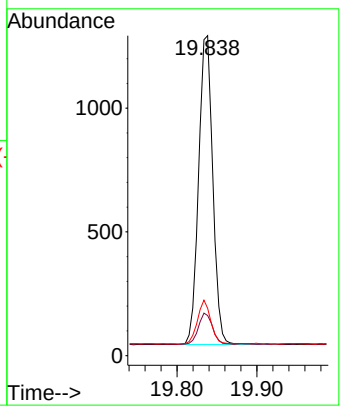


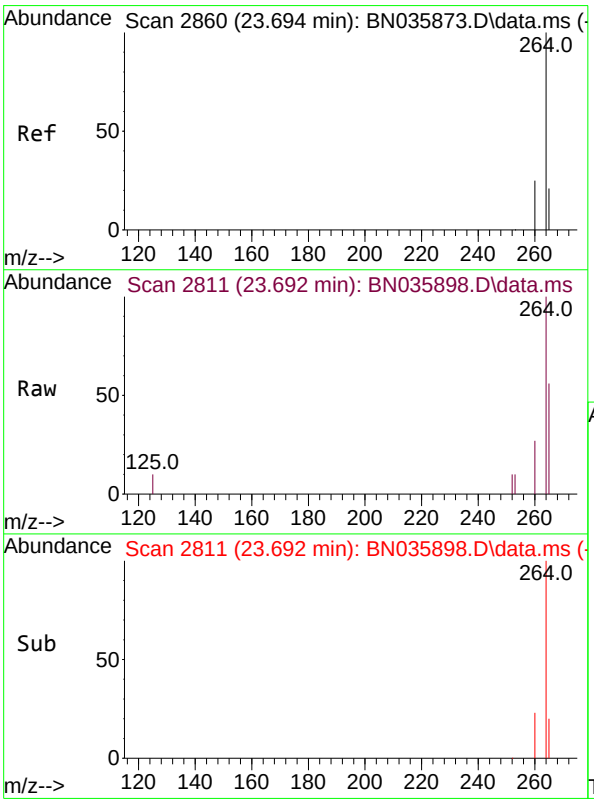
#31
Terphenyl-d14
Concen: 0.482 ng
RT: 19.838 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Instrument :
BNA_N
ClientSampleId :
PB165971BL

Tgt Ion:244 Resp: 1533

Ion	Ratio	Lower	Upper
244	100		
212	12.5	10.1	15.1
122	14.8	12.2	18.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.692 min Scan# 2811
Delta R.T. -0.002 min
Lab File: BN035898.D
Acq: 07 Jan 2025 16:08

Tgt Ion:264 Resp: 1804

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	56.3	33.9	50.9#