Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036420.D
Acq On : 11 Feb 2025 11:14
Operator : RC/JU
Sample : PB166299BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Quant Time: Feb 11 12:09:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2152	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4721	0.400	ng	0.02
13) Acenaphthene-d10	14.398	164	2840	0.400	ng	0.01
19) Phenanthrene-d10	17.148	188	6655	0.400	ng	0.01
29) Chrysene-d12	21.322	240	5489	0.400	ng	# 0.00
35) Perylene-d12	23.595	264	5186	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2011	0.395	ng	0.00
5) Phenol-d6	6.937	99	1979	0.332	ng	0.00
8) Nitrobenzene-d5	8.918	82	1554	0.334	ng	0.01
11) 2-Methylnaphthalene-d10	12.156	152	2472	0.341	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	337	0.239	ng	0.02
15) 2-Fluorobiphenyl	13.040	172	3625	0.339	ng	0.02
27) Fluoranthene-d10	19.173	212	6795	0.367	ng	0.00
31) Terphenyl-d14	19.768	244	5236	0.447	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
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BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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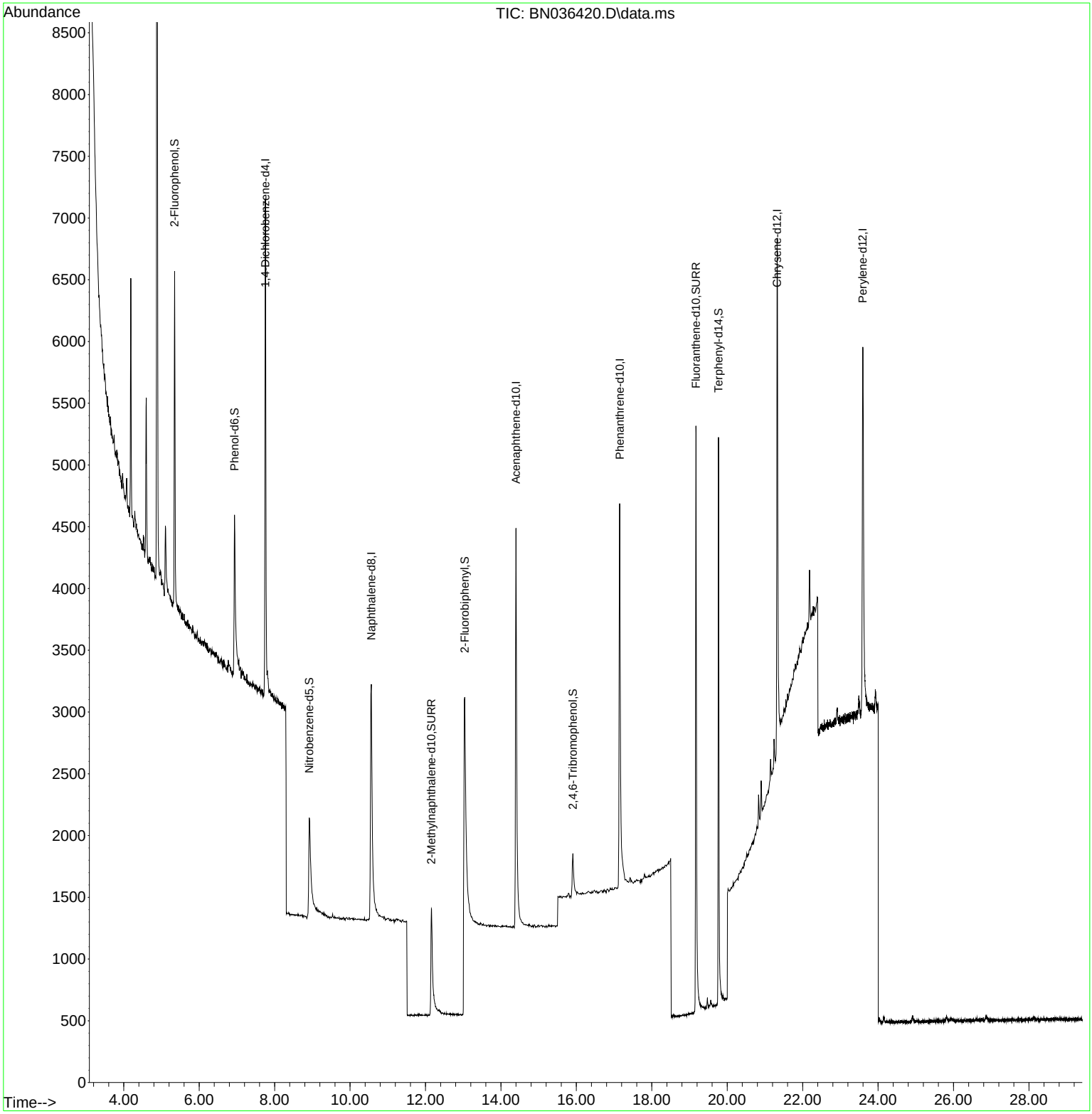
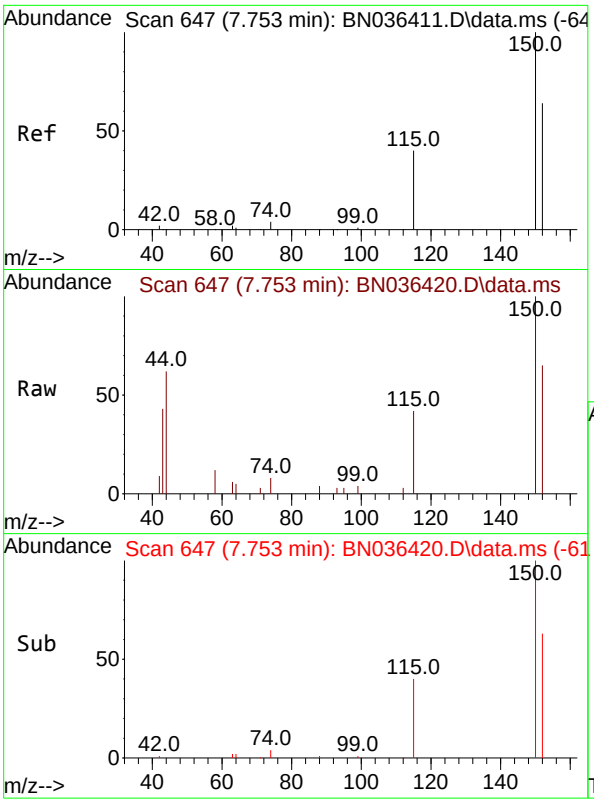


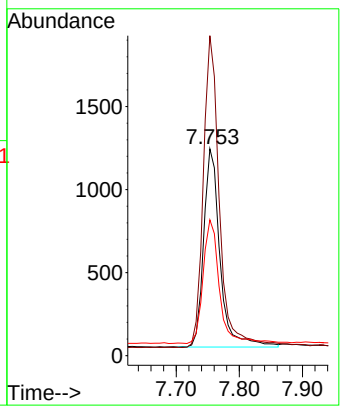


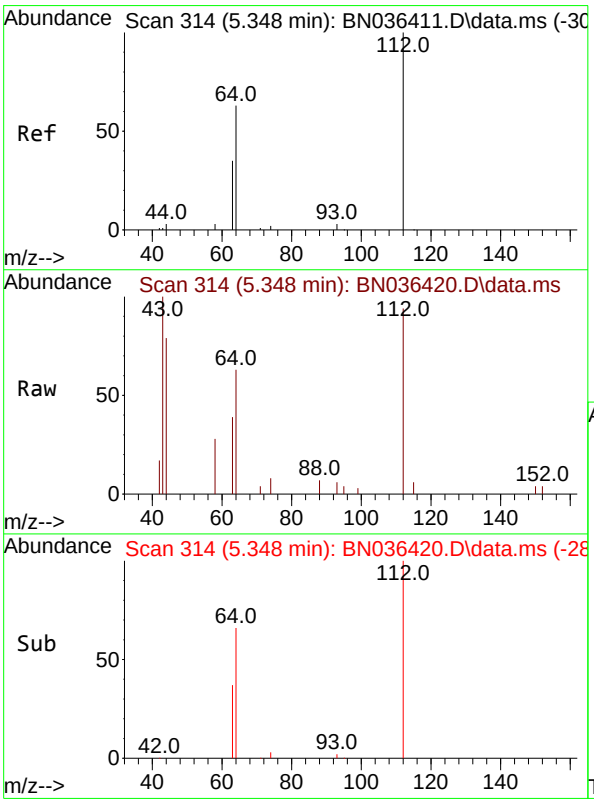
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Tgt Ion:152 Resp: 2152

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.7	185.5
115	65.7	52.5	78.7

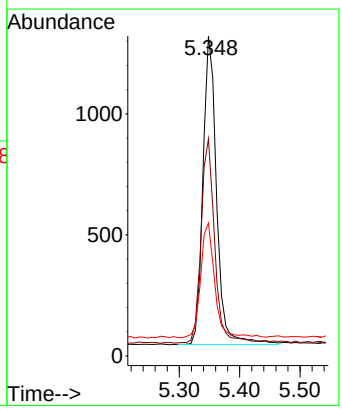


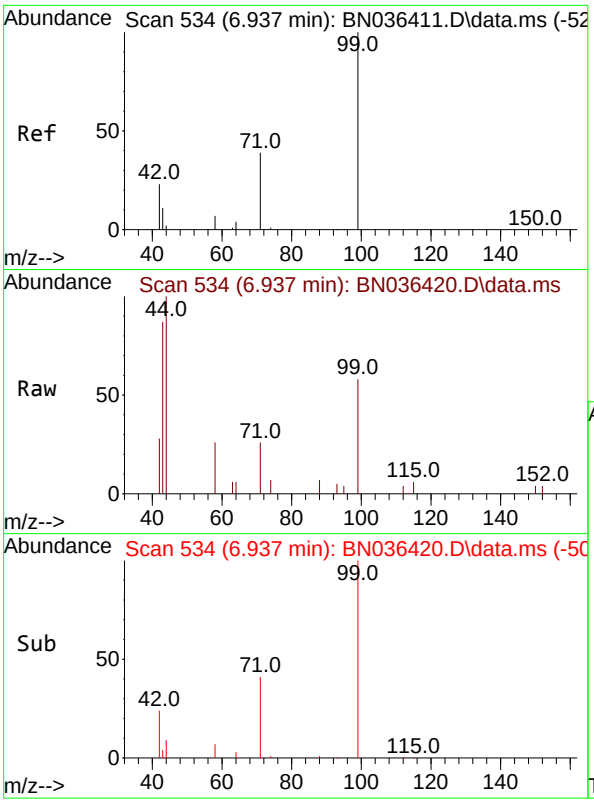


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Tgt Ion:112 Resp: 2011

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.4	80.0
63	38.3	30.3	45.5



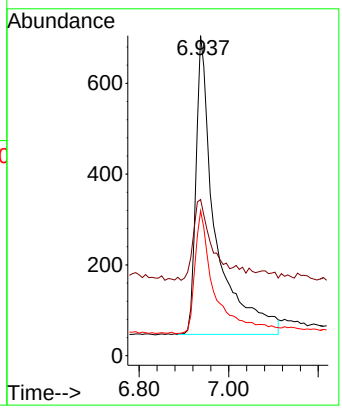


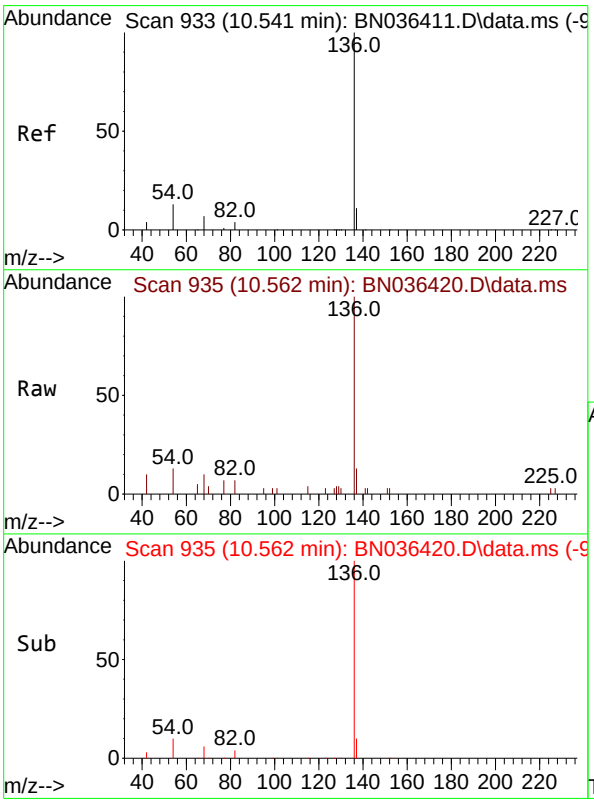
#5
Phenol-d6
Concen: 0.332 ng
RT: 6.937 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Tgt Ion: 99 Resp: 1979

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.7	32.5
71	41.9	32.6	49.0

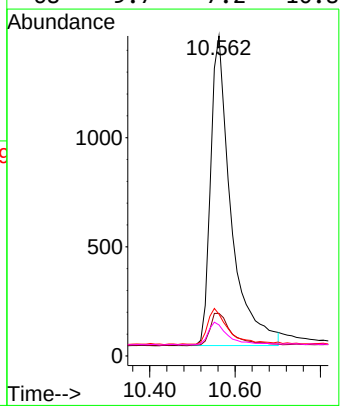


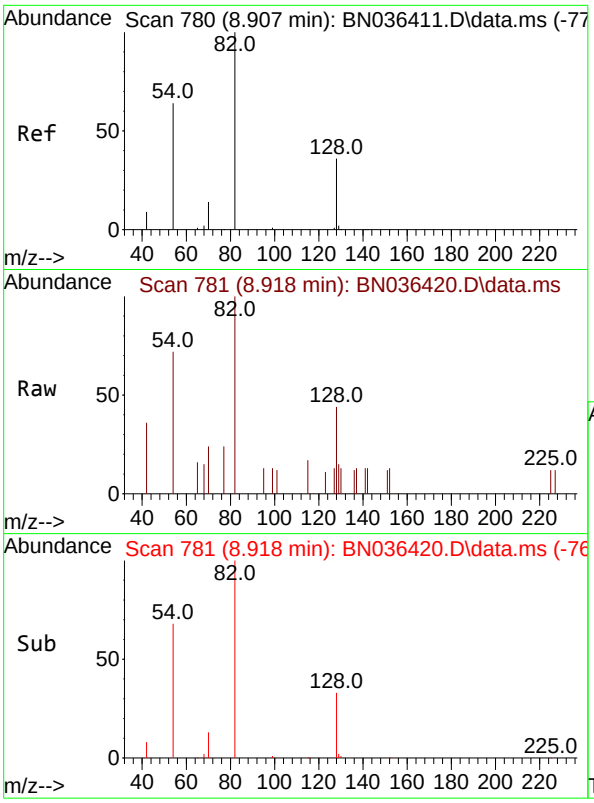


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. 0.021 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Tgt Ion:136 Resp: 4721

Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.1	15.1
54	13.0	11.8	17.6
68	9.7	7.2	10.8



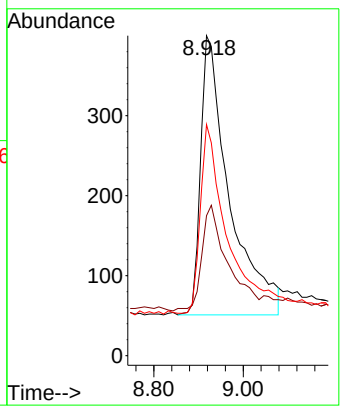


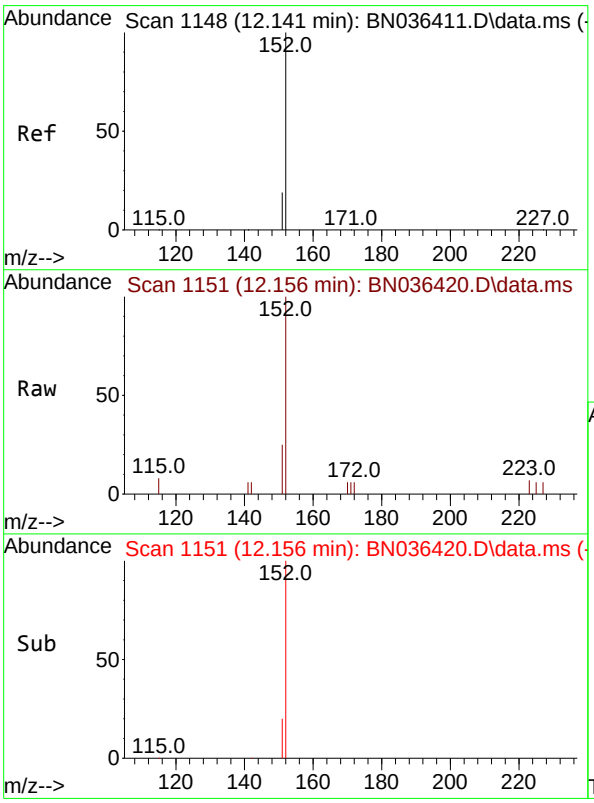
#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.918 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Tgt Ion: 82 Resp: 1554

Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.9	47.9
54	72.2	53.1	79.7

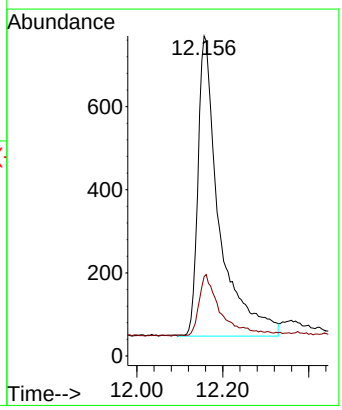


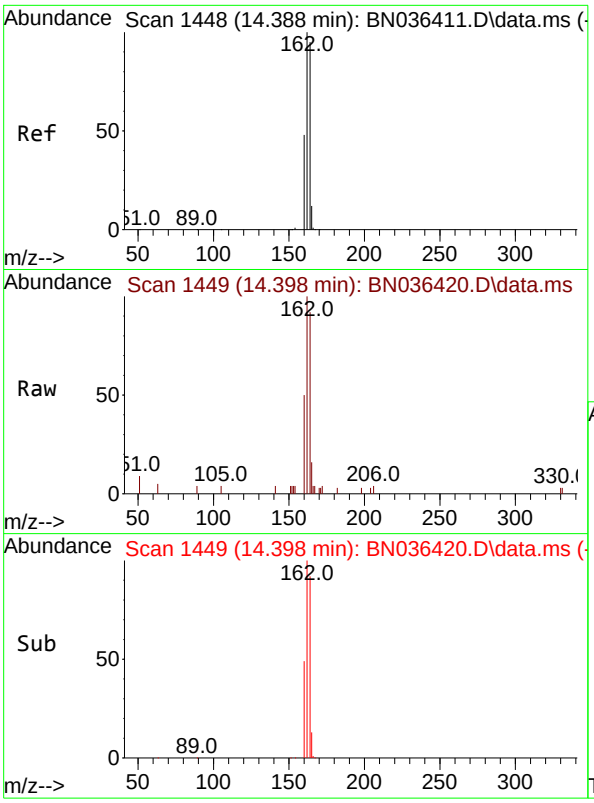


#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.156 min Scan# 1151
Delta R.T. 0.015 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Tgt Ion:152 Resp: 2472

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0



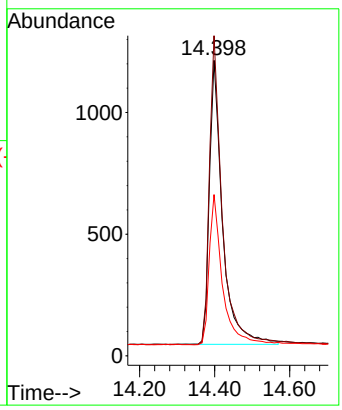


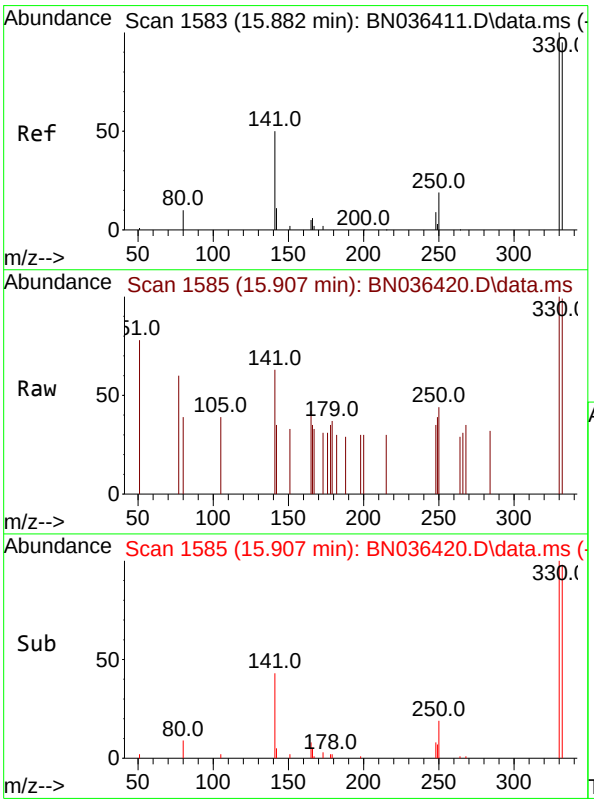
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Tgt Ion:164 Resp: 2840

Ion	Ratio	Lower	Upper
164	100		
162	108.3	84.1	126.1
160	54.6	41.4	62.0

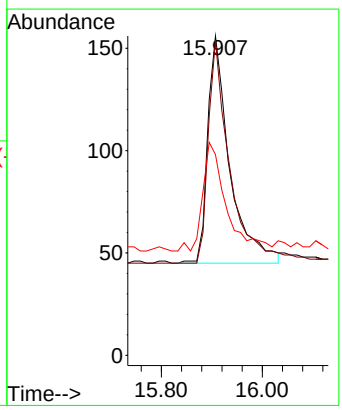


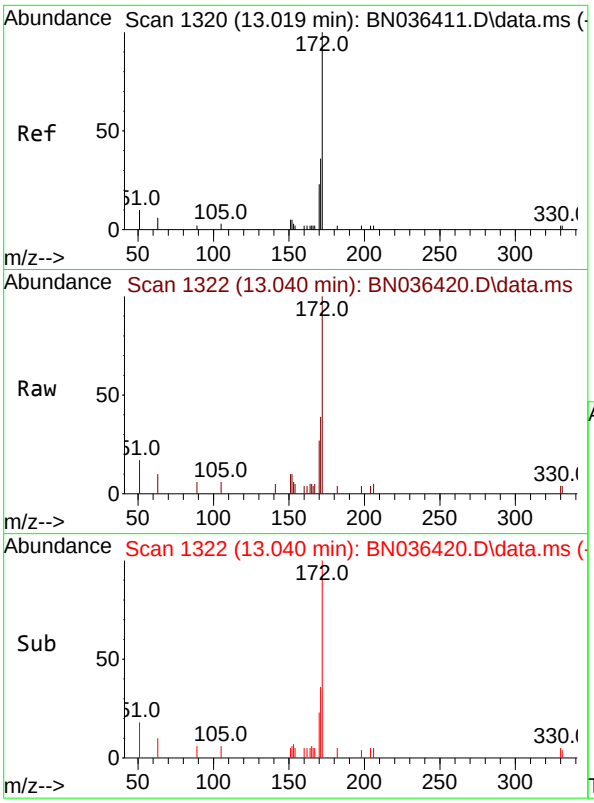


#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.907 min Scan# 1585
Delta R.T. 0.025 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Tgt Ion:330 Resp: 337

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	50.4	37.8	56.8



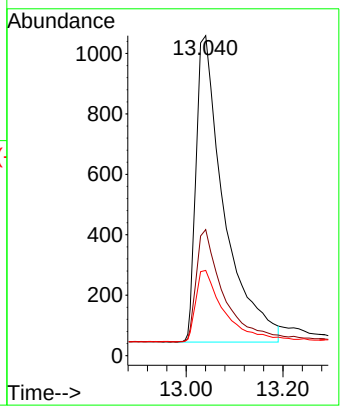


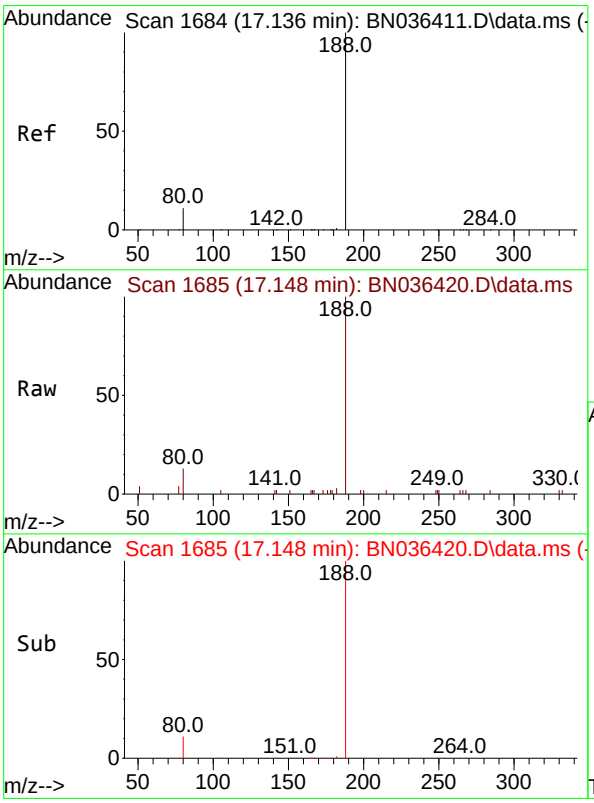
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.040 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Tgt Ion:172 Resp: 3625

Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.6	44.4
170	26.6	19.8	29.6

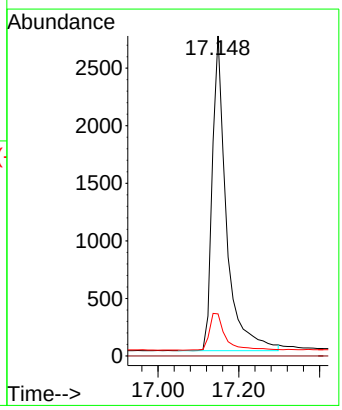


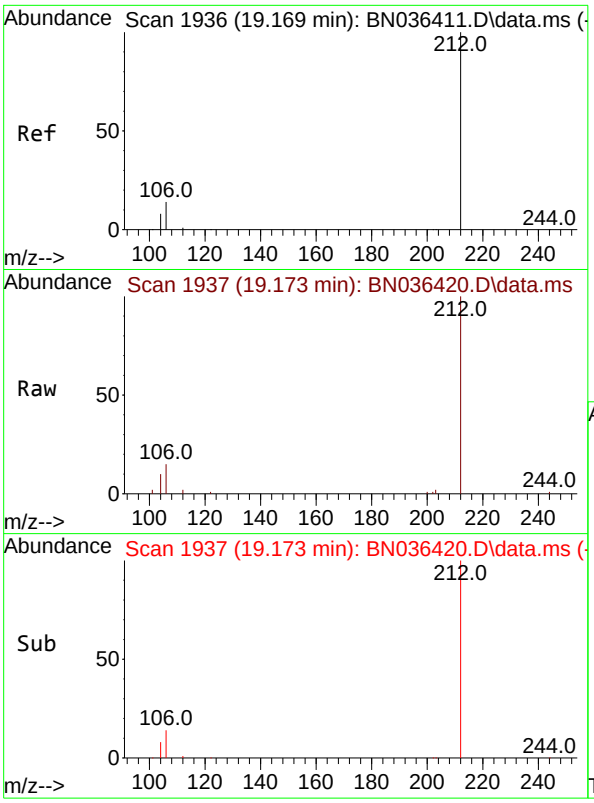


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Tgt Ion:188 Resp: 6655

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	9.8	14.6



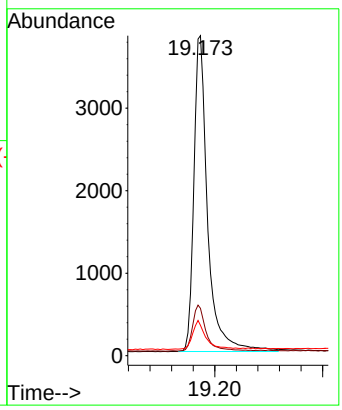


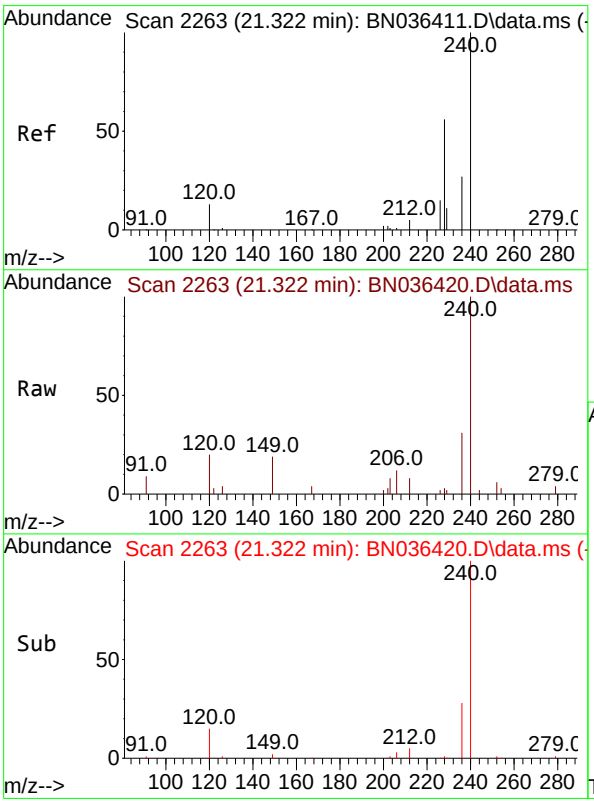
#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.173 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Tgt Ion:212 Resp: 6795

Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.5	17.3
104	9.0	7.1	10.7

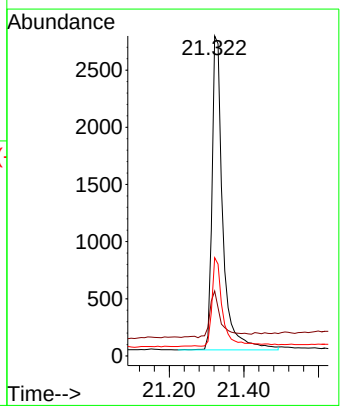


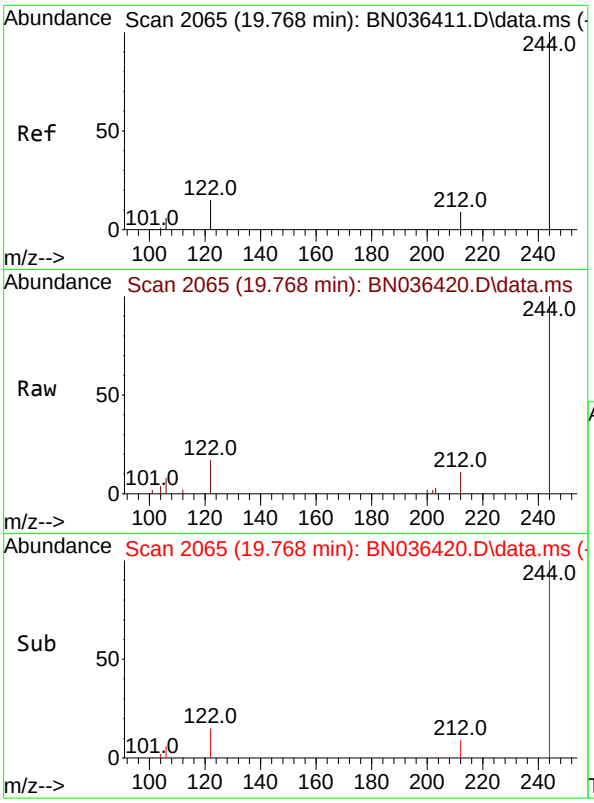


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Tgt Ion:240 Resp: 5489

Ion	Ratio	Lower	Upper
240	100		
120	20.3	13.3	19.9#
236	30.7	23.0	34.6



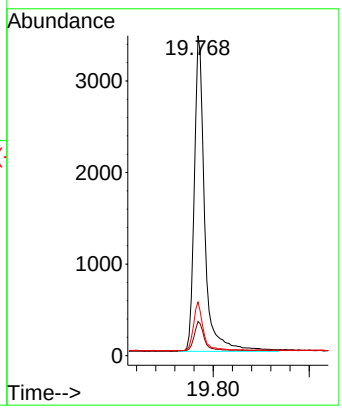


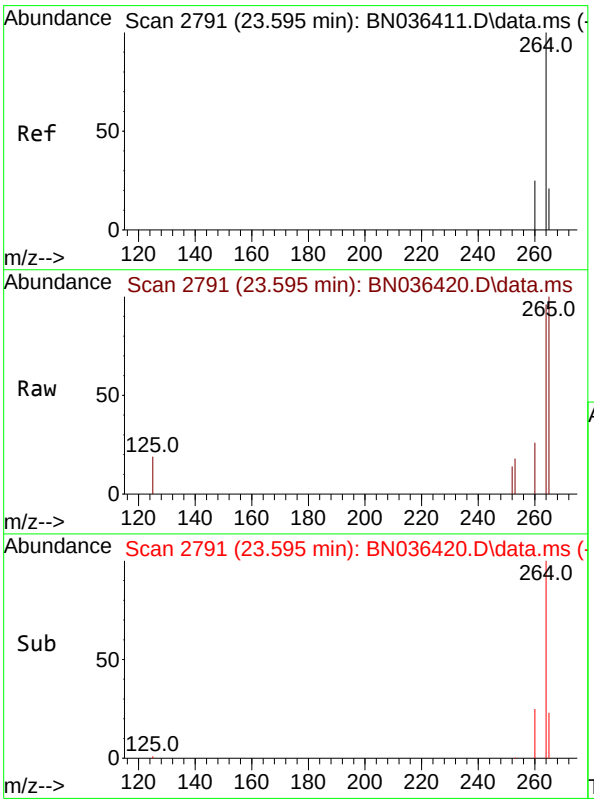
#31
Terphenyl-d14
Concen: 0.447 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Instrument :
BNA_N
ClientSampleId :
PB166299BL

Tgt Ion:244 Resp: 5236

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.1	12.1
122	16.7	12.8	19.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.595 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BN036420.D
Acq: 11 Feb 2025 11:14

Tgt Ion:264 Resp: 5186

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	104.3	60.7	91.1#