Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037213.D
Acq On : 10 Jun 2025 09:49
Operator : RC/JU
Sample : Q2234-07DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 10 10:51:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.582	152	1883	0.400	ng		0.00
7) Naphthalene-d8	10.362	136	4807	0.400	ng		-0.01
13) Acenaphthene-d10	14.235	164	2597	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4389	0.400	ng		0.00
29) Chrysene-d12	21.189	240	2810	0.400	ng	#	0.00
35) Perylene-d12	23.380	264	2751	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	530	0.114	ng		0.00
5) Phenol-d6	6.766	99	394	0.070	ng		0.00
8) Nitrobenzene-d5	8.739	82	1062	0.209	ng		0.00
11) 2-Methylnaphthalene-d10	11.961	152	1359	0.203	ng		-0.01
14) 2,4,6-Tribromophenol	15.743	330	218	0.208	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	2439	0.220	ng		0.00
27) Fluoranthene-d10	19.026	212	2415	0.217	ng		0.00
31) Terphenyl-d14	19.630	244	2038	0.308	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.112	88	7647	3.047	ng		98
9) Naphthalene	10.415	128	829	0.060	ng	#	83
17) Acenaphthene	14.299	154	316	0.038	ng		98
18) Fluorene	15.293	166	334	0.031	ng	#	91
20) 4,6-Dinitro-2-methylph...	15.389	198	2	0.276	ng	#	1
24) Pentachlorophenol	16.636	266	19	0.225	ng	#	40
25) Phenanthrene	17.021	178	3983	0.280	ng		99
28) Fluoranthene	19.054	202	2915	0.186	ng		99
30) Pyrene	19.416	202	1996	0.146	ng	#	94
33) Chrysene	21.225	228	295	0.026	ng	#	64
34) Bis(2-ethylhexyl)phtha...	21.117	149	620	0.097	ng	#	88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
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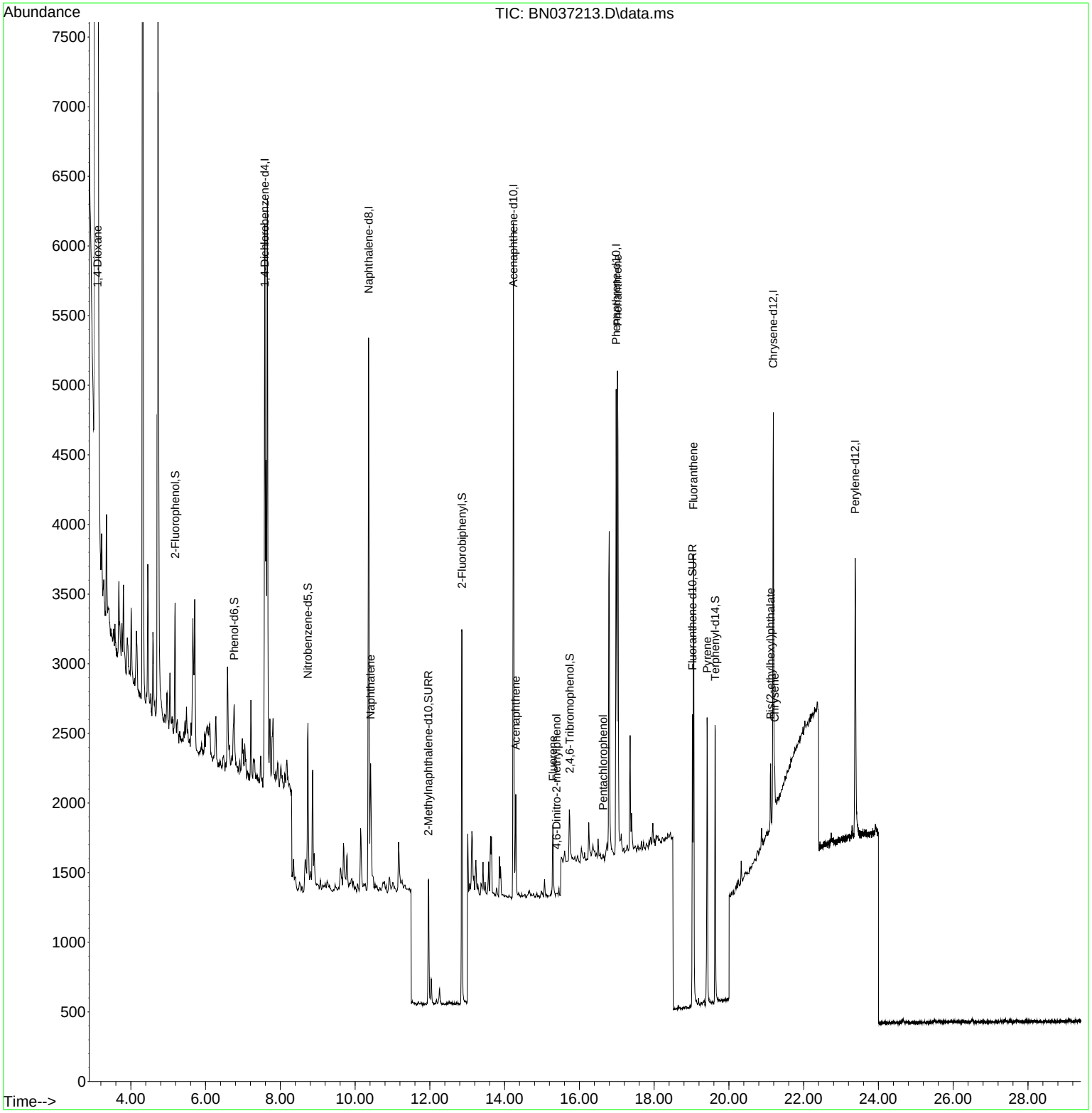
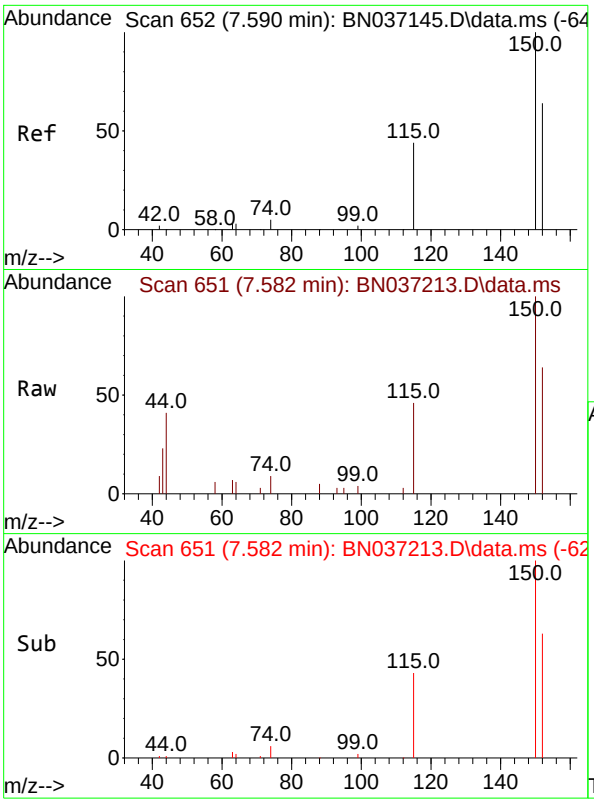
Operator : RC/JU
Sample : Q2234-07DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 10 10:51:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



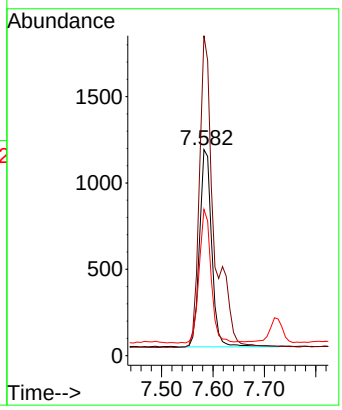


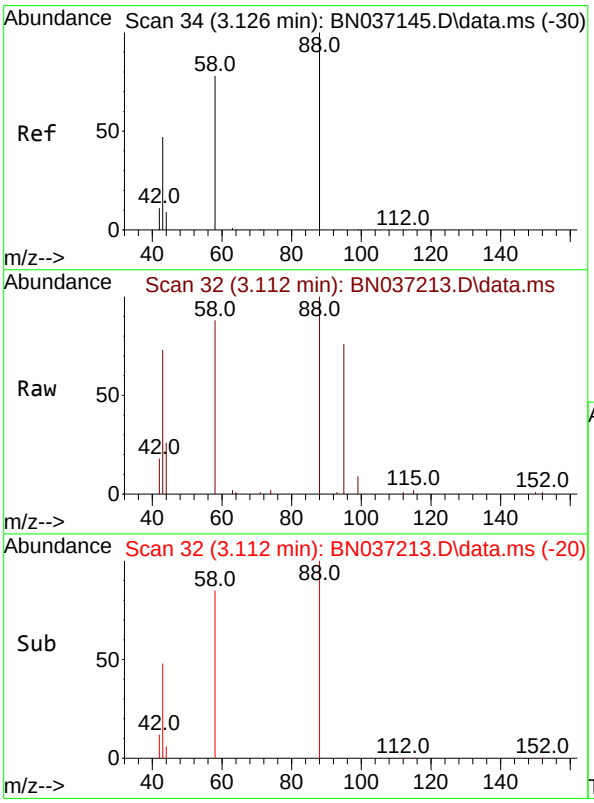
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1883

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.2	184.8
115	71.0	56.6	85.0

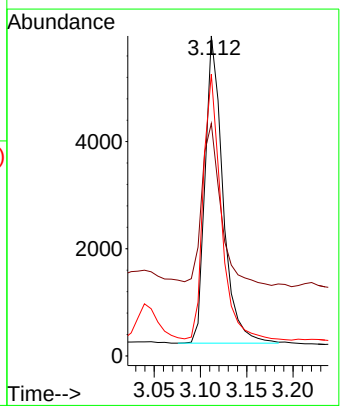


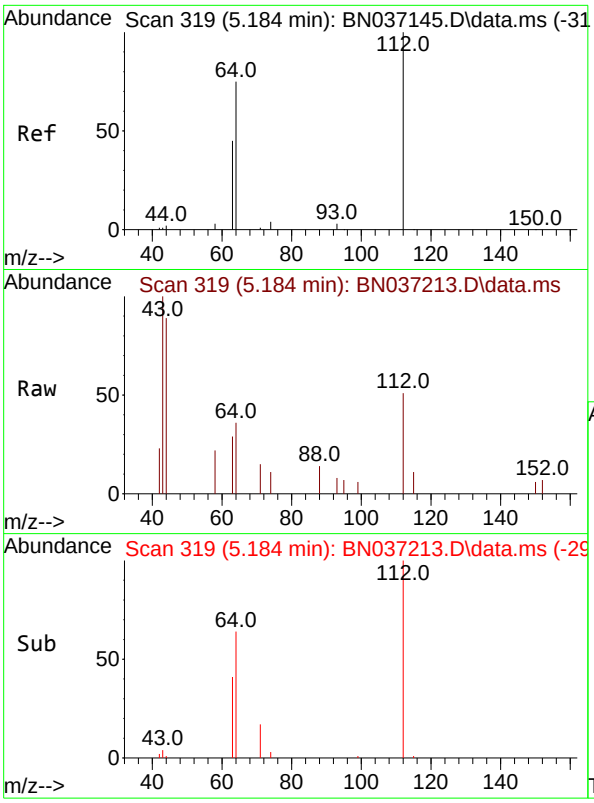


#2
1,4-Dioxane
Concen: 3.047 ng
RT: 3.112 min Scan# 32
Delta R.T. -0.014 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion: 88 Resp: 7647

Ion	Ratio	Lower	Upper
88	100		
43	55.1	43.5	65.3
58	86.8	67.7	101.5



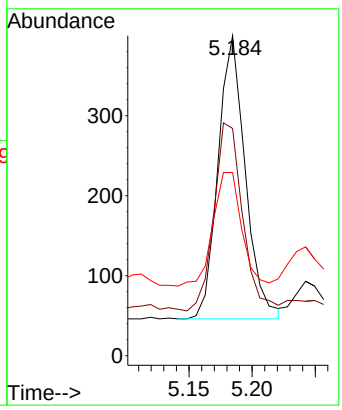


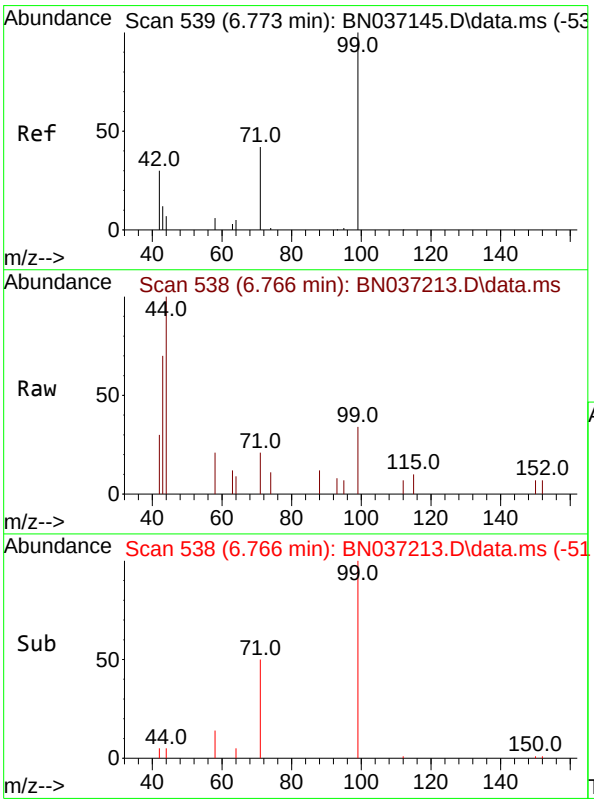
#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 530

Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.3	84.5
63	42.8	36.2	54.4

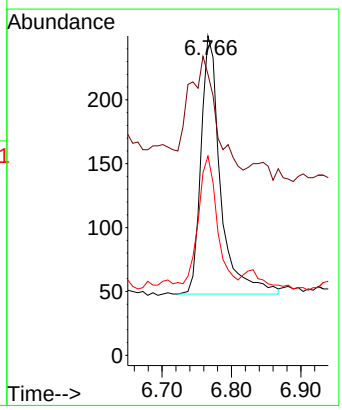


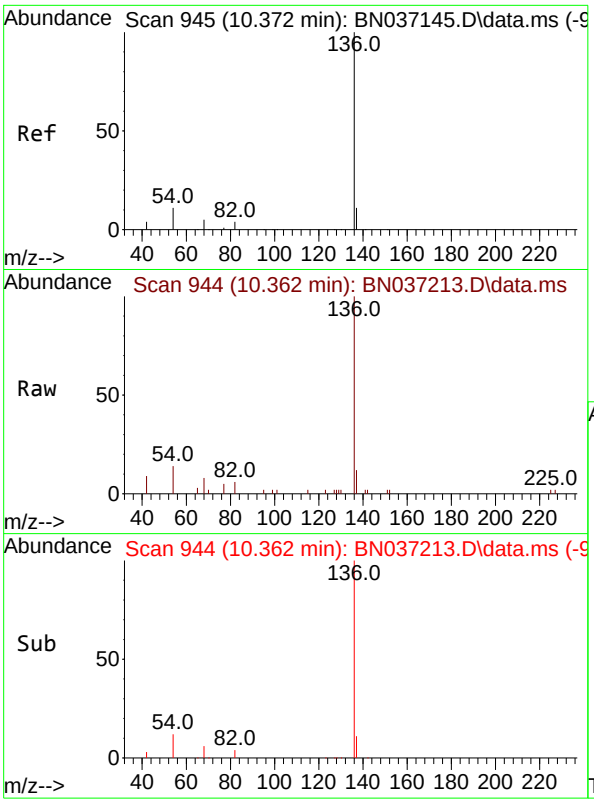


#5
Phenol-d6
Concen: 0.070 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion: 99 Resp: 394

Ion	Ratio	Lower	Upper
99	100		
42	58.4	31.3	46.9#
71	48.7	38.2	57.2



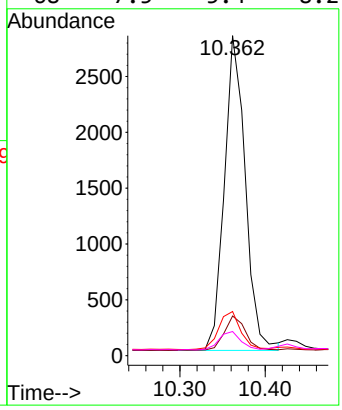


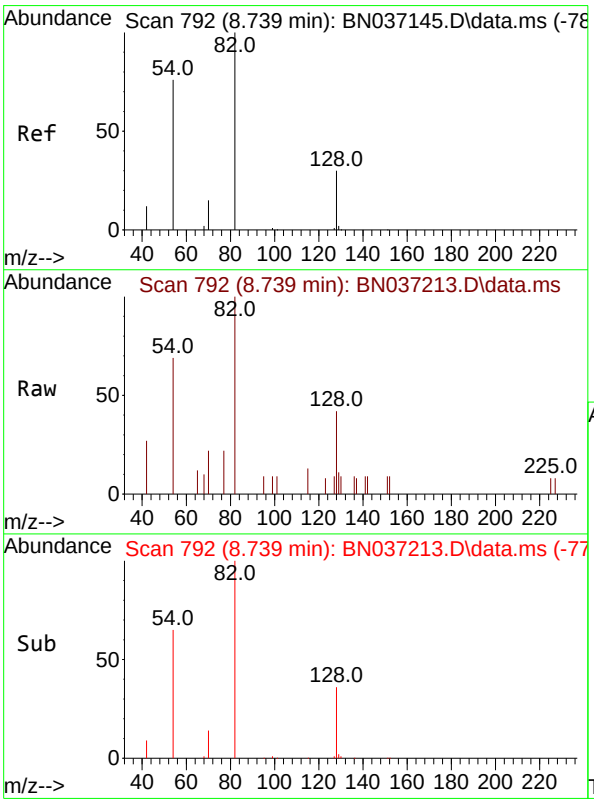
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4807

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	13.8	9.7	14.5
68	7.5	5.4	8.2

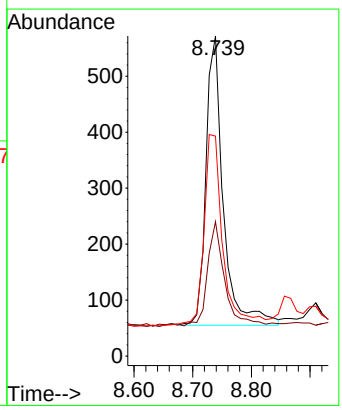


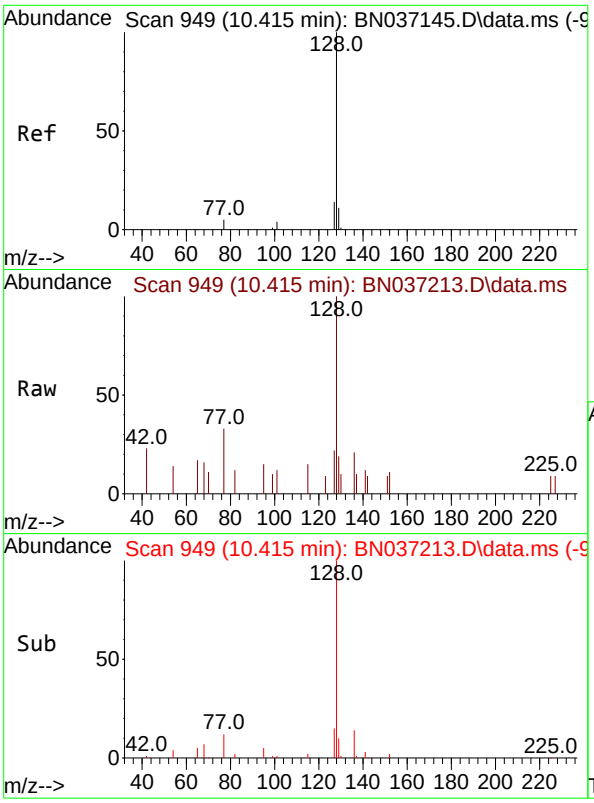


#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion: 82 Resp: 1062

Ion	Ratio	Lower	Upper
82	100		
128	42.0	26.9	40.3#
54	68.7	61.4	92.2



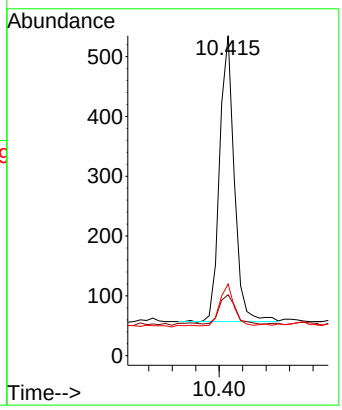


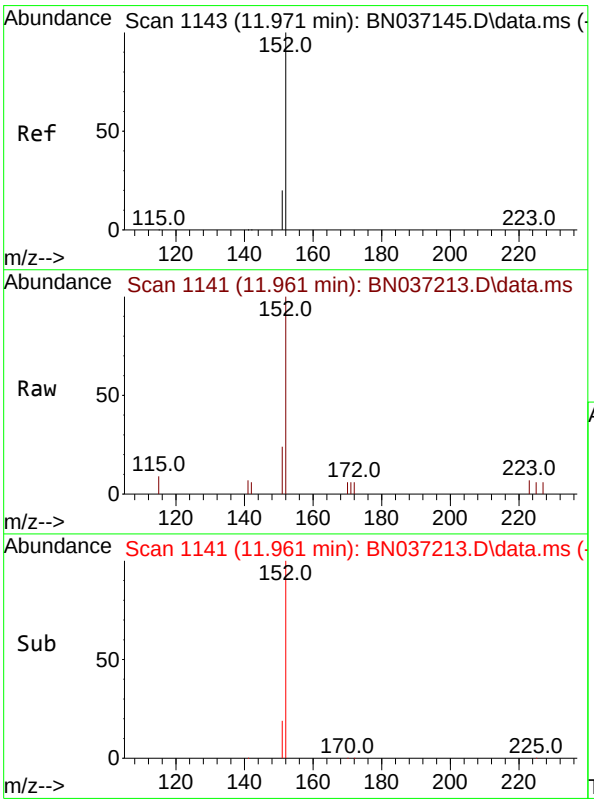
#9
Naphthalene
Concen: 0.060 ng
RT: 10.415 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 829

Ion	Ratio	Lower	Upper
128	100		
129	19.1	9.8	14.8#
127	22.4	12.3	18.5#

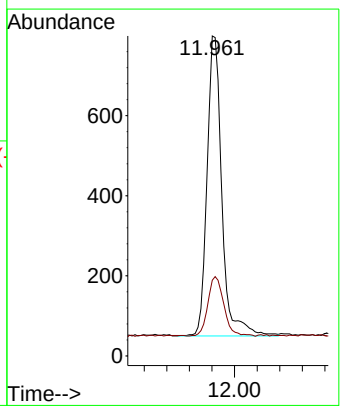


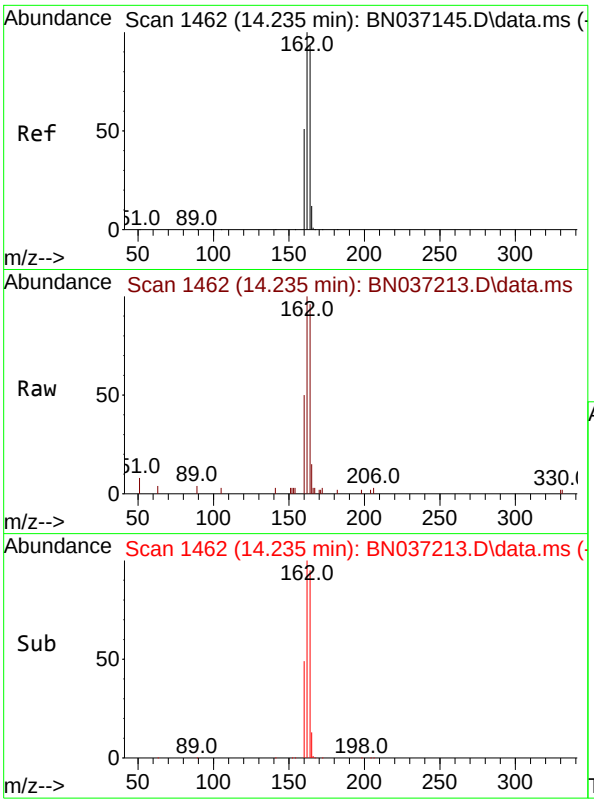


#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 11.961 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:152 Resp: 1359

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7



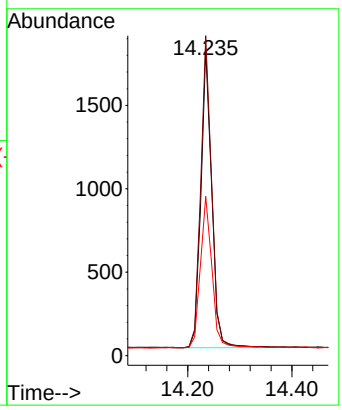


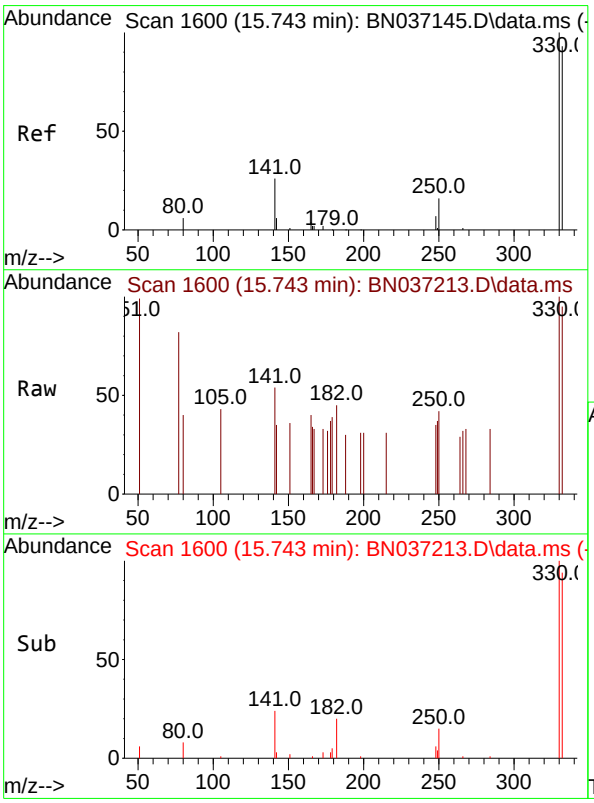
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2597

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.5	128.3
160	51.9	44.6	67.0

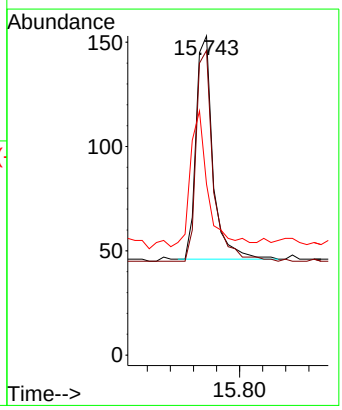


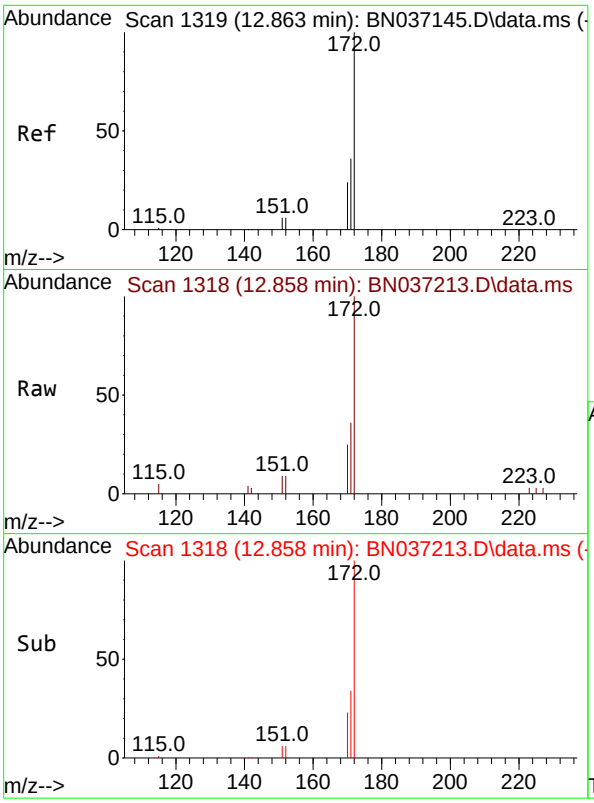


#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	63.8	46.4	69.6



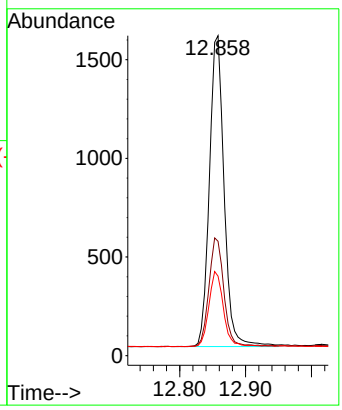


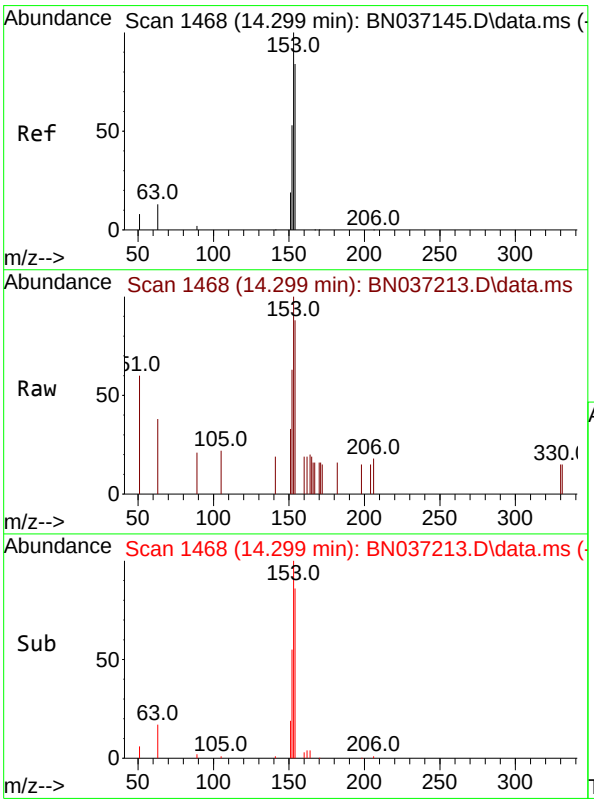
#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2439

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.8	20.3	30.5

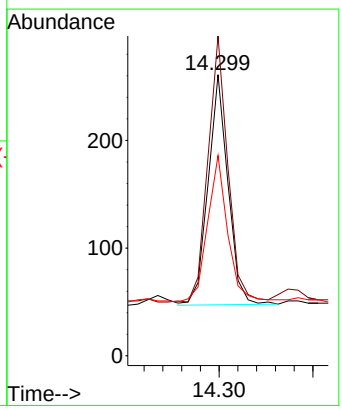


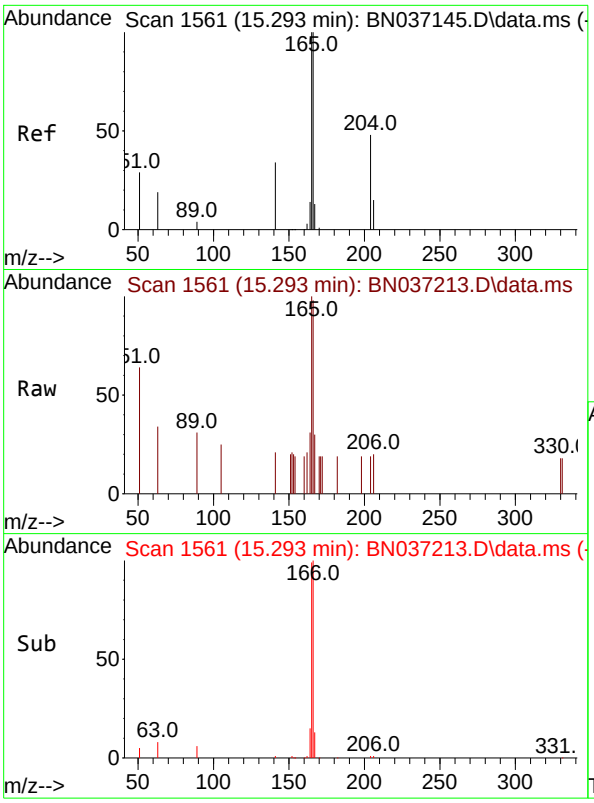


#17
Acenaphthene
Concen: 0.038 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:154 Resp: 316

Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.8	140.8
152	65.2	50.5	75.7



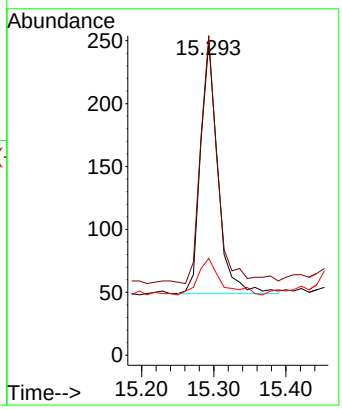


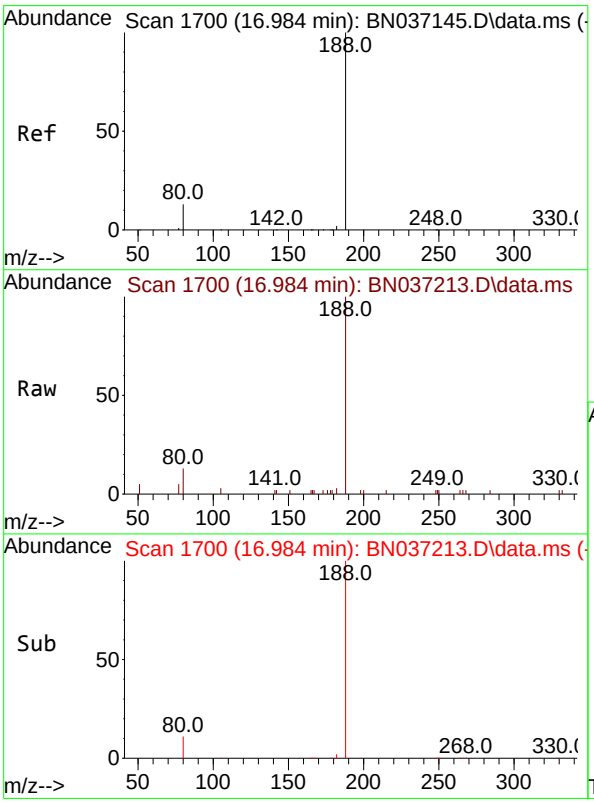
#18
Fluorene
Concen: 0.031 ng
RT: 15.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 334

Ion	Ratio	Lower	Upper
166	100		
165	92.5	81.1	121.7
167	18.9	10.8	16.2#

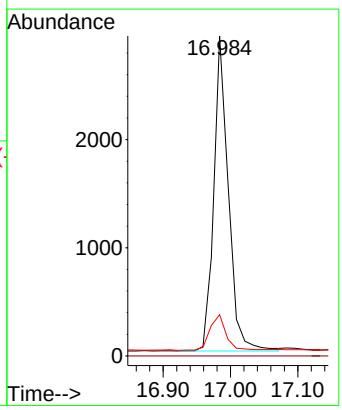


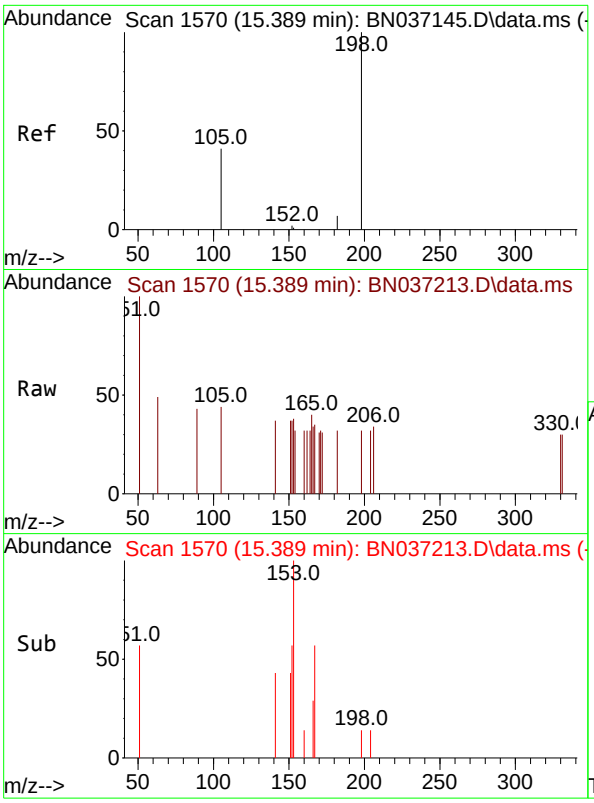


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:188 Resp: 4389

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	11.3	16.9



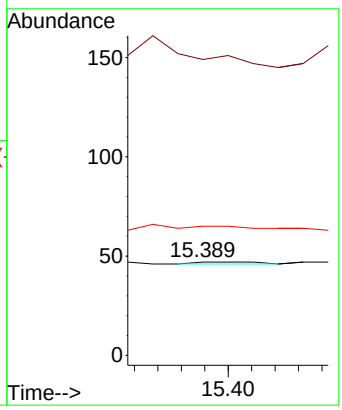


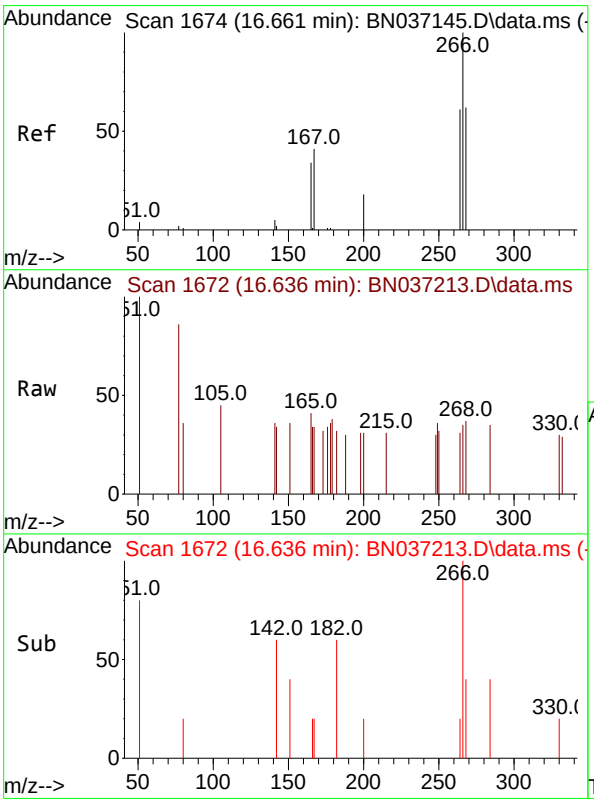
#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.389 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	317.0	125.2	187.8#
105	138.3	57.1	85.7#

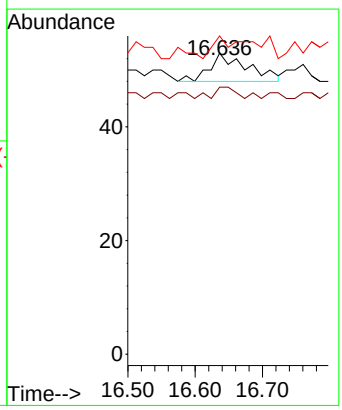


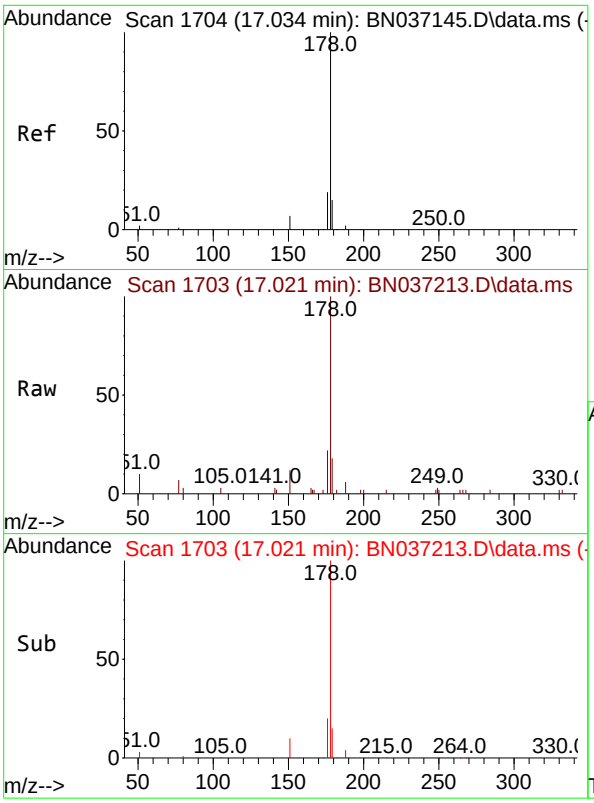


#24
Pentachlorophenol
Concen: 0.225 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.3	73.9#
268	31.6	49.0	73.4#



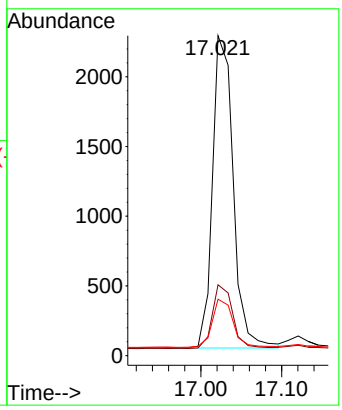


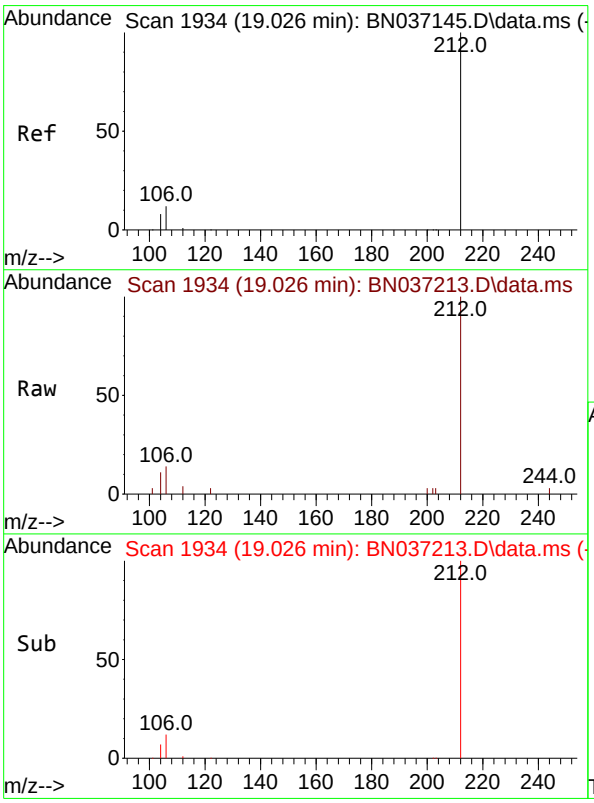
#25
Phenanthrene
Concen: 0.280 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3983

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.6	12.3	18.5

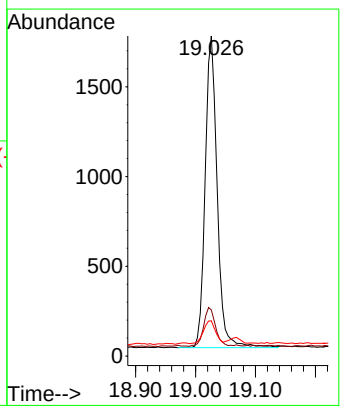


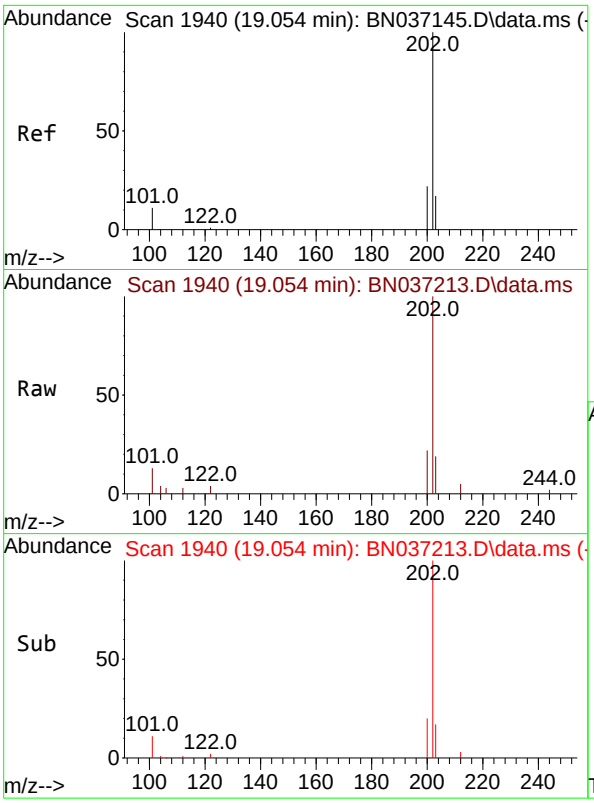


#27
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:212 Resp: 2415

Ion	Ratio	Lower	Upper
212	100		
106	12.3	10.6	15.8
104	7.5	6.6	9.8



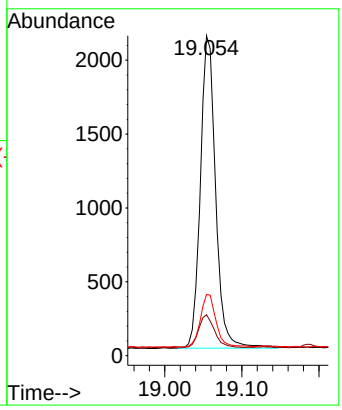


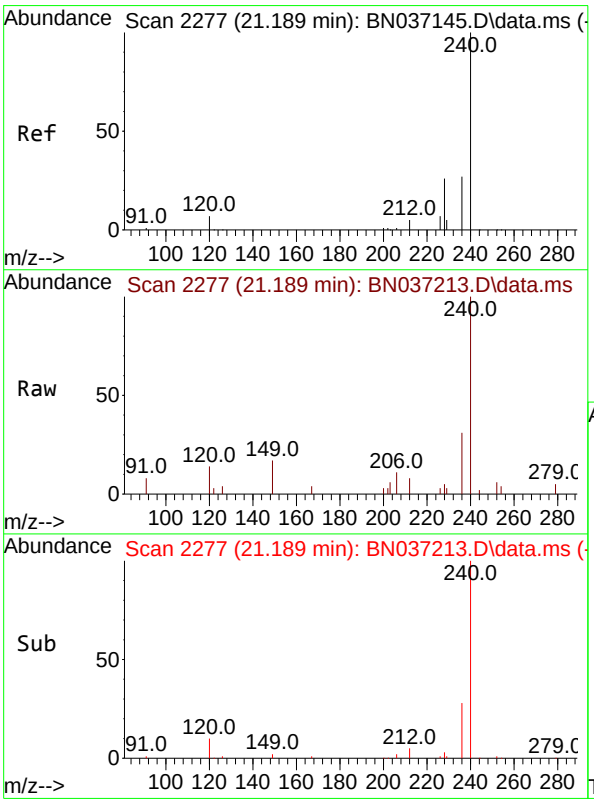
#28
Fluoranthene
Concen: 0.186 ng
RT: 19.054 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2915

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	17.3	13.5	20.3

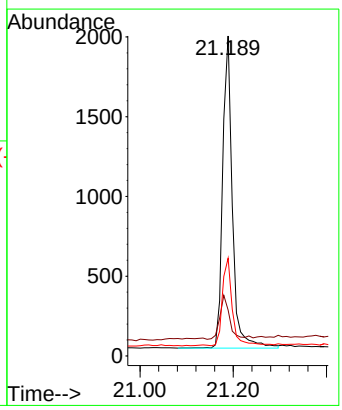


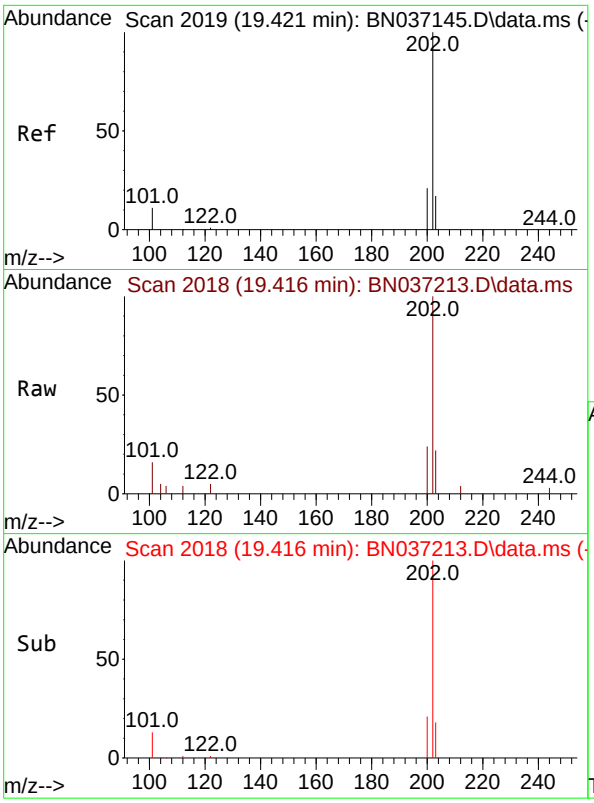


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:240 Resp: 2810

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.0	13.4#
236	30.6	23.0	34.4



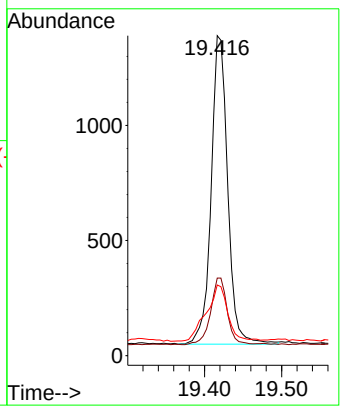


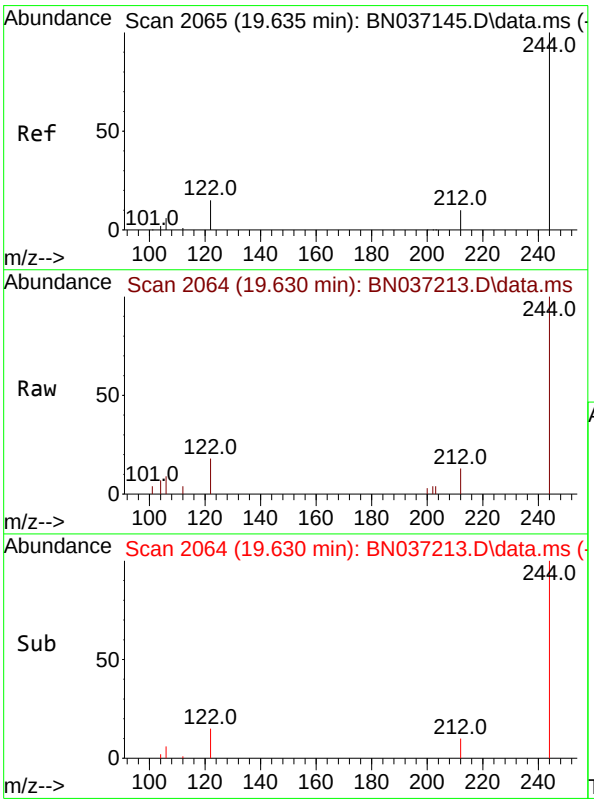
#30
Pyrene
Concen: 0.146 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1996

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	23.7	14.2	21.4#

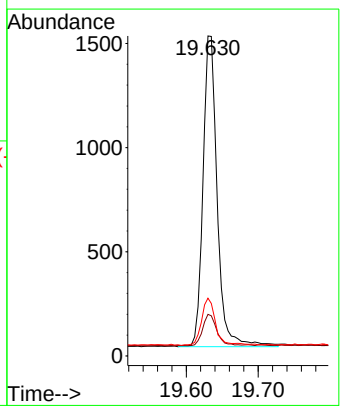


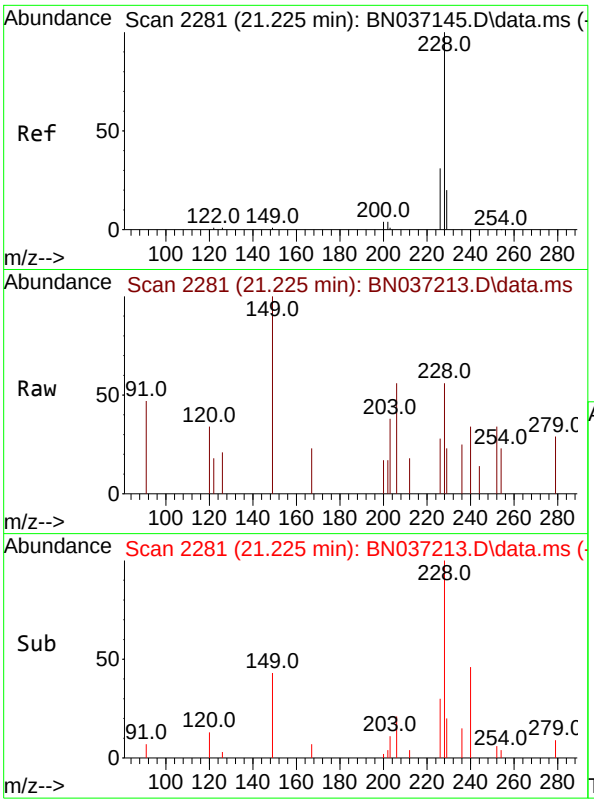


#31
Terphenyl-d14
Concen: 0.308 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:244 Resp: 2038

Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.0	15.0
122	18.0	13.2	19.8



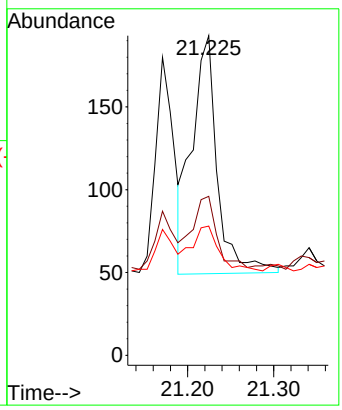


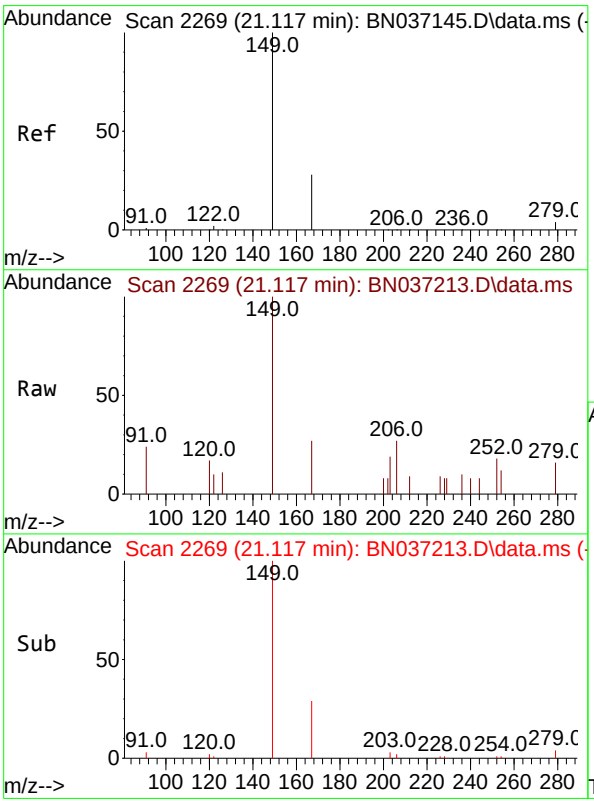
#33
Chrysene
Concen: 0.026 ng
RT: 21.225 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 295

Ion	Ratio	Lower	Upper
228	100		
226	49.7	25.2	37.8#
229	40.4	16.8	25.2#

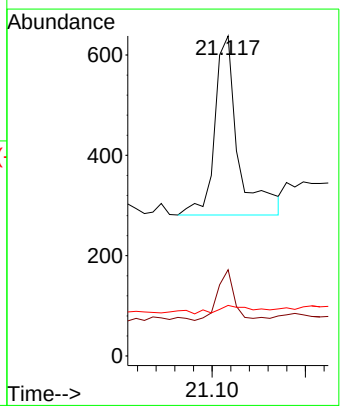


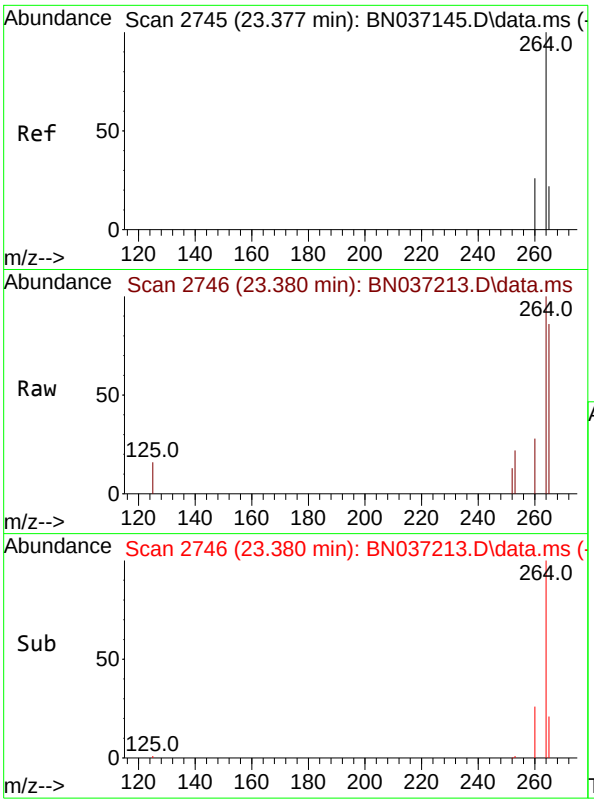


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.117 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:149 Resp: 620

Ion	Ratio	Lower	Upper
149	100		
167	20.0	21.0	31.4#
279	7.6	2.9	4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 2751

Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.1	33.1
265	85.6	55.8	83.8#