Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143316.D
Acq On : 05 Aug 2025 15:26
Operator : RC/JU
Sample : Q2758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

Quant Time: Aug 05 15:47:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	117966	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	426817	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	181244	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	254194	20.000	ng	0.00
76) Chrysene-d12	14.139	240	196384	20.000	ng	0.02
86) Perylene-d12	15.657	264	141578	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	531476	71.295	ng	0.01
7) Phenol-d6	6.593	99	681764	72.660	ng	0.00
23) Nitrobenzene-d5	7.516	82	433237	50.597	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	120114	64.151	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	755400	57.001	ng	0.00
79) Terphenyl-d14	13.075	244	608502	46.110	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.498	117	11599	3.920	ng	# 1
19) n-Nitroso-di-n-propyla...	7.516	70	58975	9.797	ng	# 81
25) Isophorone	7.516	82	426325	28.204	ng	# 66
31) Naphthalene	8.263	128	61107	2.907	ng	99
32) Benzoic acid	7.963	122	511	5.293	ng	# 1
37) 2-Methylnaphthalene	8.957	142	46908	3.667	ng	99
54) 2,4-Dinitrophenol	10.292	184	546	7.123	ng	# 1
63) Azobenzene	10.710	77	38533	3.166	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.569	198	189	5.538	ng	# 1
71) Phenanthrene	11.516	178	182250	13.503	ng	98
72) Anthracene	11.516	178	182250	13.240	ng	98
75) Fluoranthene	12.704	202	393665	31.777	ng	97
78) Pyrene	12.939	202	404969	24.162	ng	98
81) Benzo(a)anthracene	14.127	228	204400	15.546	ng	# 87
83) Chrysene	14.163	228	155959	13.193	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.110	149	33330	4.291	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.210	276	100295	10.046	ng	96
88) Benzo(b)fluoranthene	15.210	252	258027	29.833	ng	# 84
89) Benzo(k)fluoranthene	15.210	252	258027	33.432	ng	# 85
90) Benzo(a)pyrene	15.592	252	132976	16.687	ng	# 83
91) Dibenzo(a,h)anthracene	17.215	278	20078	2.471	ng	# 61
92) Benzo(g,h,i)perylene	17.680	276	112786	14.349	ng	96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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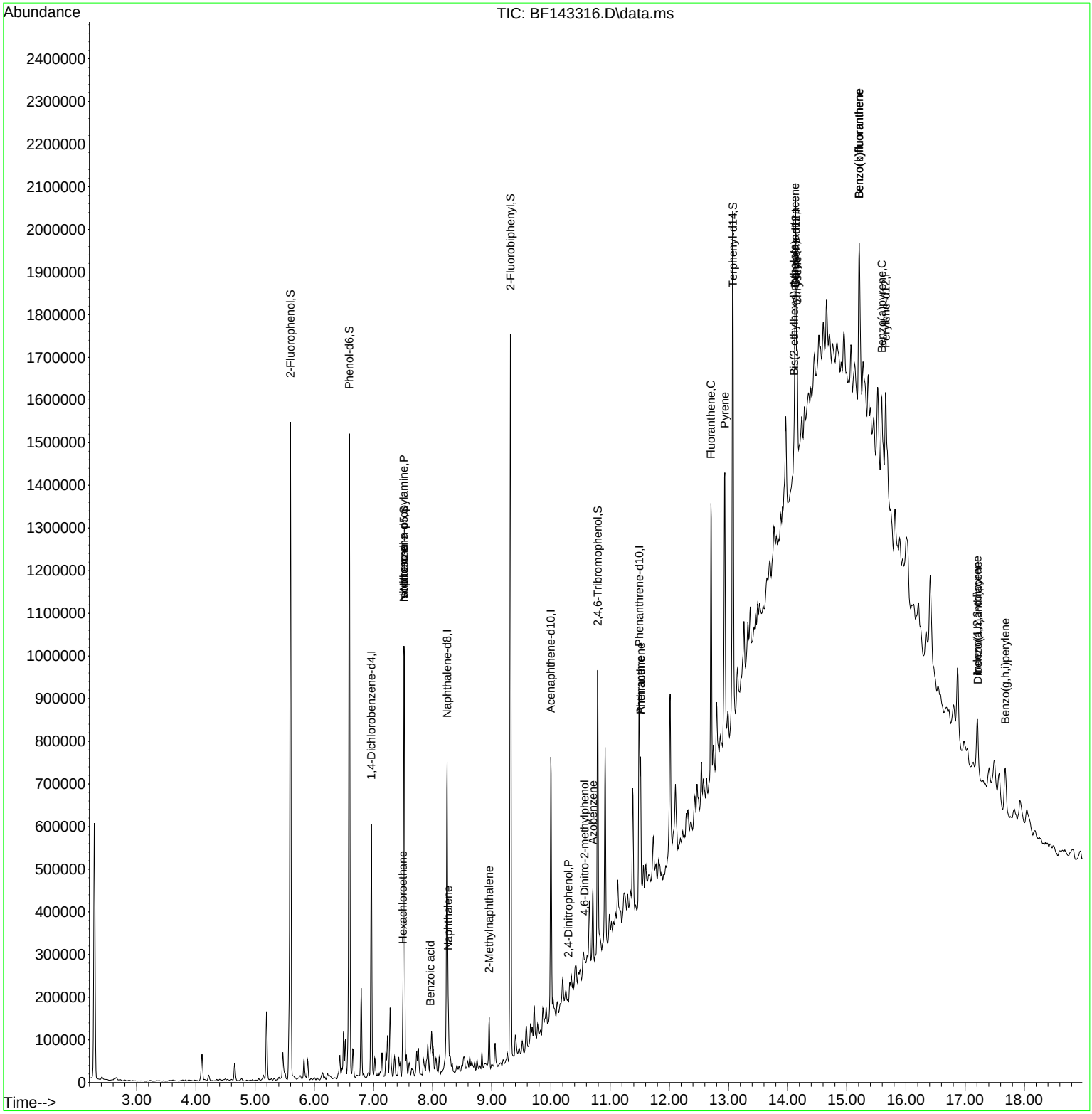
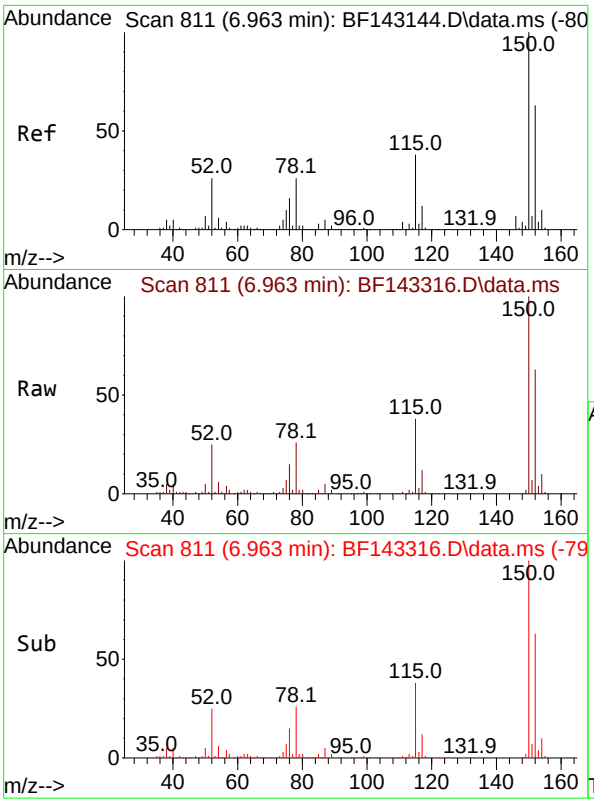


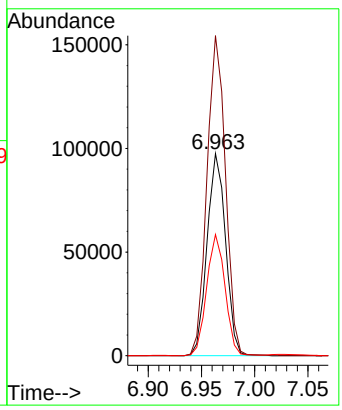


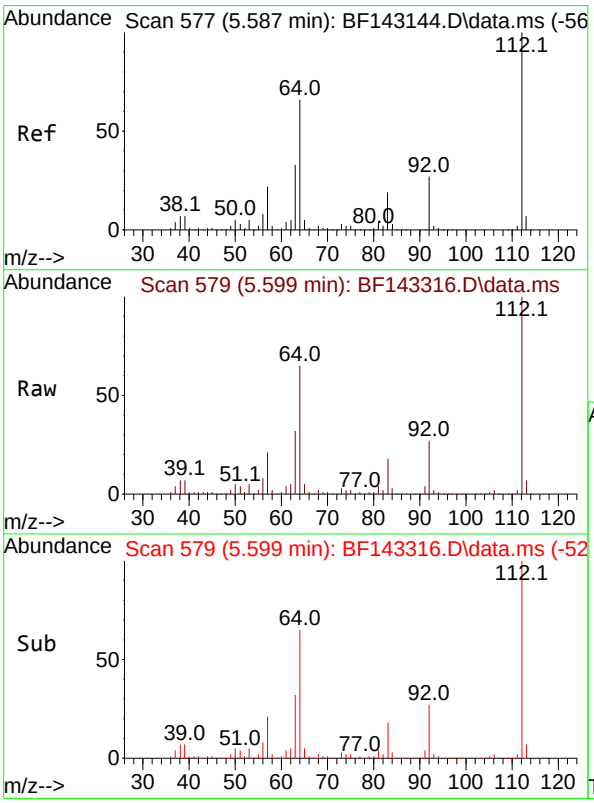
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:152 Resp: 117966

Ion	Ratio	Lower	Upper
152	100		
150	158.3	128.2	192.4
115	59.9	47.9	71.9

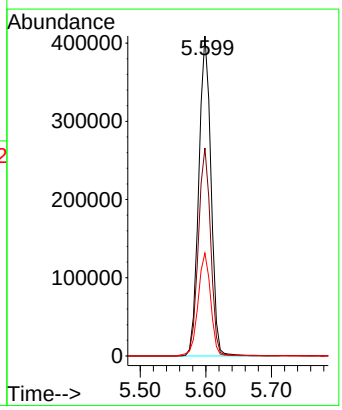


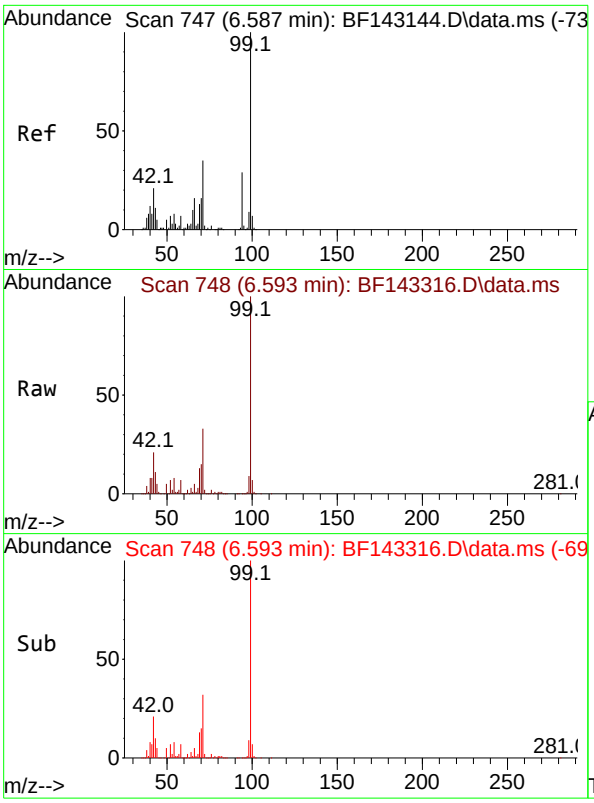


#5
2-Fluorophenol
Concen: 71.295 ng
RT: 5.599 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:112 Resp: 531476

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.1	79.7
63	32.1	26.6	40.0



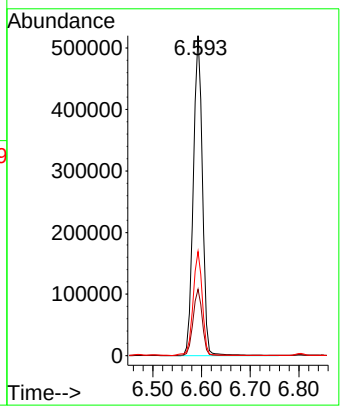


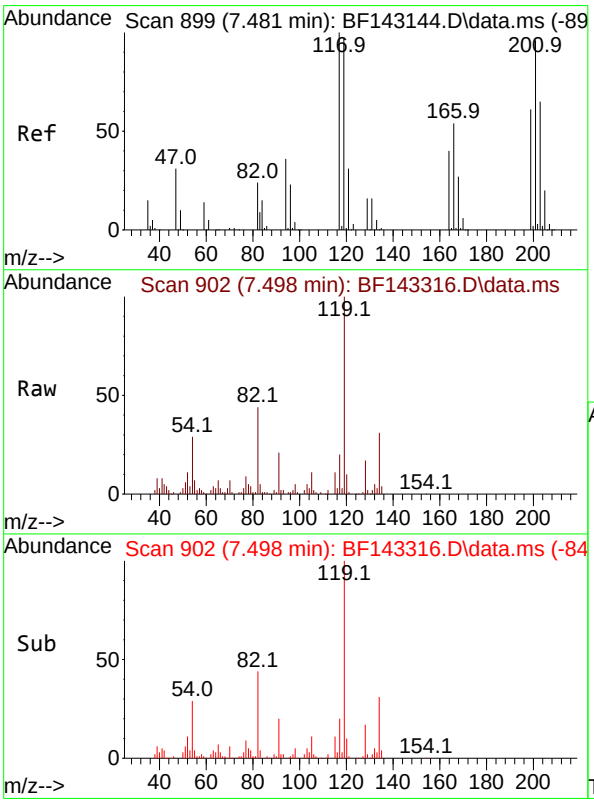
#7
Phenol-d6
Concen: 72.660 ng
RT: 6.593 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion: 99 Resp: 681764

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.6
71	32.6	27.7	41.5

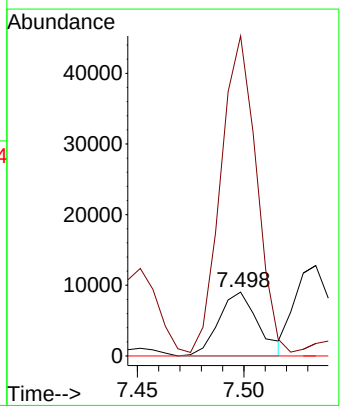


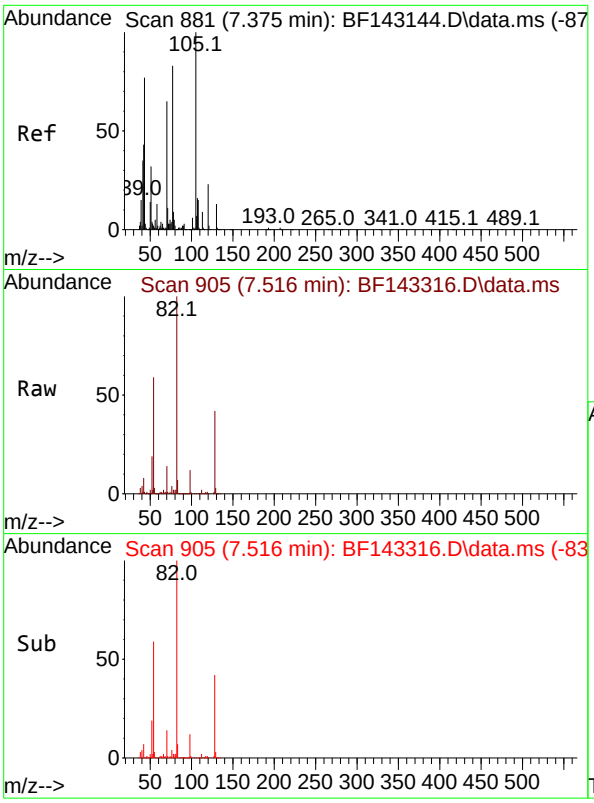


#18
Hexachloroethane
Concen: 3.920 ng
RT: 7.498 min Scan# 902
Delta R.T. 0.018 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:117 Resp: 11599

Ion	Ratio	Lower	Upper
117	100		
119	501.1	77.8	116.8#
201	0.0	77.0	115.4#



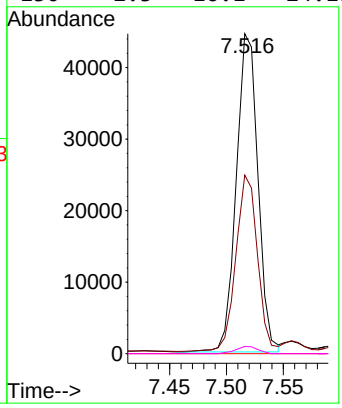


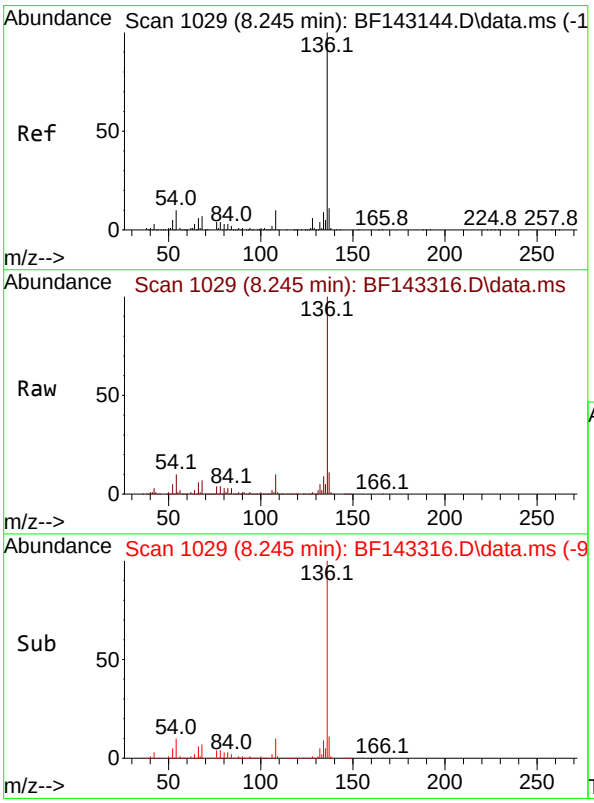
#19
n-Nitroso-di-n-propylamine
Concen: 9.797 ng
RT: 7.516 min Scan# 9
Delta R.T. 0.141 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion: 70 Resp: 58975

Ion	Ratio	Lower	Upper
70	100		
42	55.8	52.5	78.7
101	0.0	7.6	11.4#
130	2.3	16.1	24.1#

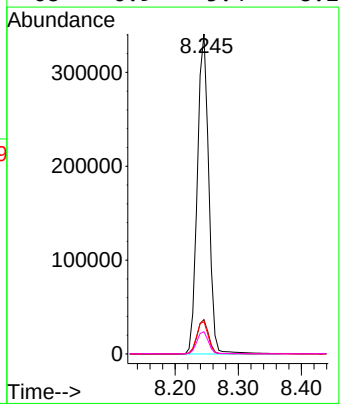


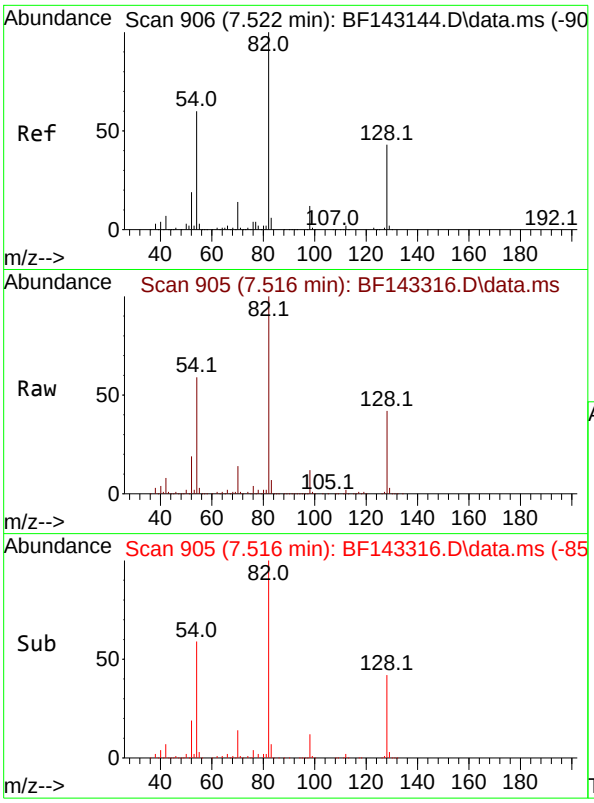


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:136 Resp: 426817

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.0	8.2	12.2
68	6.9	5.4	8.2



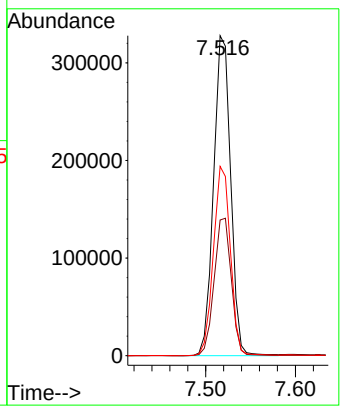


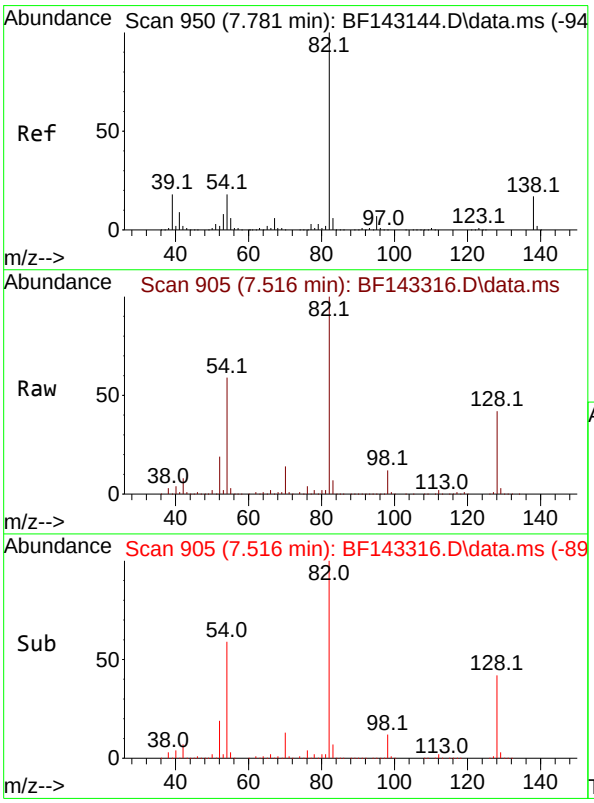
#23
Nitrobenzene-d5
Concen: 50.597 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion: 82 Resp: 433237

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.6	50.4
54	59.1	47.1	70.7

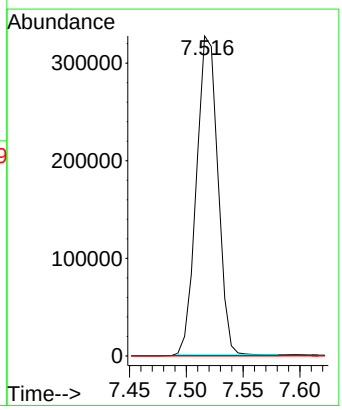


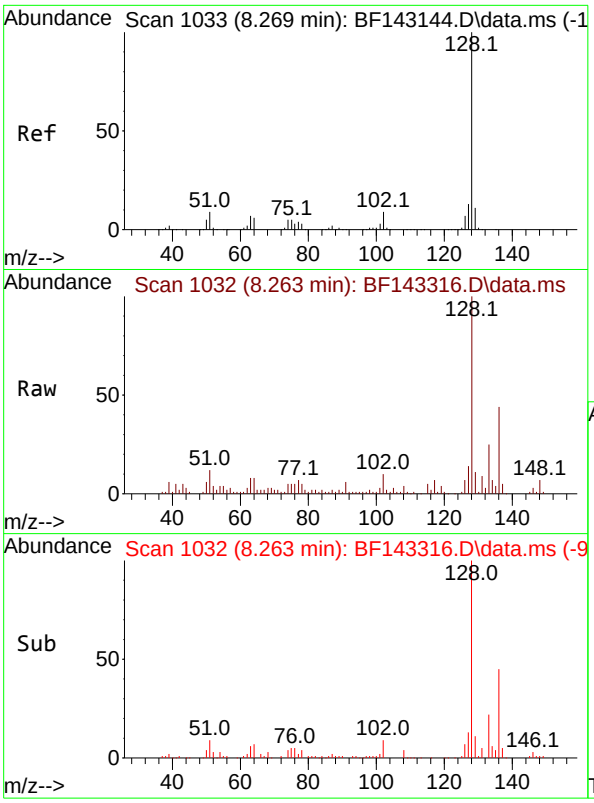


#25
Isophorone
Concen: 28.204 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion: 82 Resp: 426325

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	13.8	20.8#



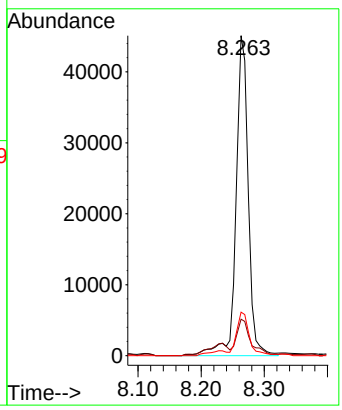


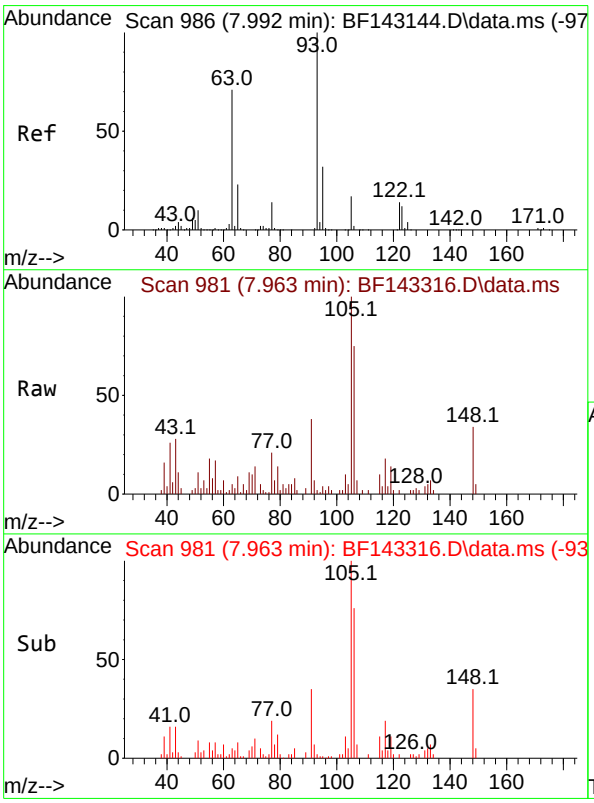
#31
Naphthalene
Concen: 2.907 ng
RT: 8.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:128 Resp: 61107

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.6	10.6	16.0

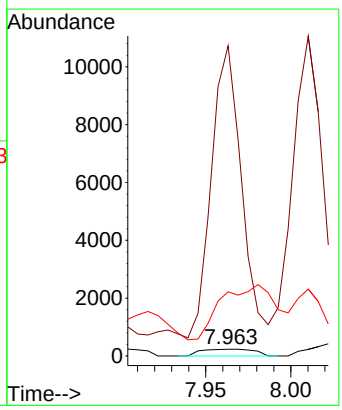


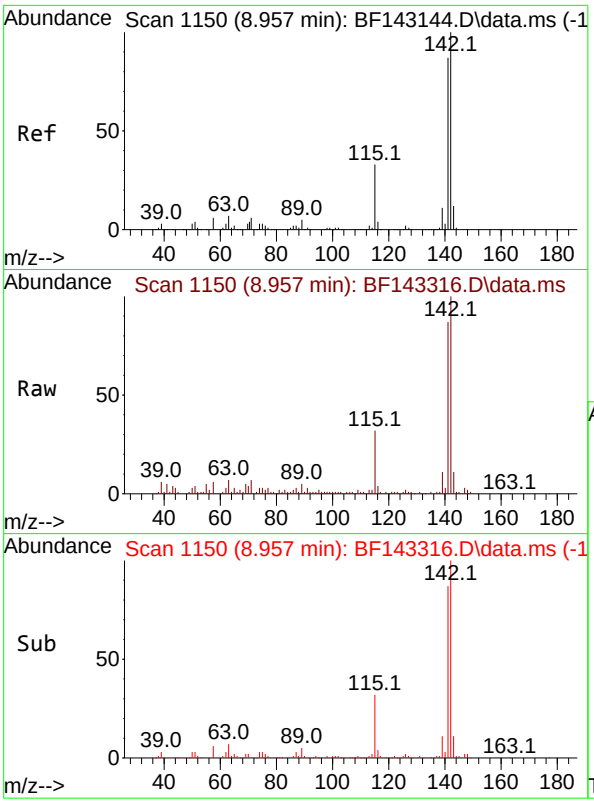


#32
Benzoic acid
Concen: 5.293 ng
RT: 7.963 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:122 Resp: 511

Ion	Ratio	Lower	Upper
122	100		
105	4564.3	104.8	144.8#
77	943.8	77.6	117.6#



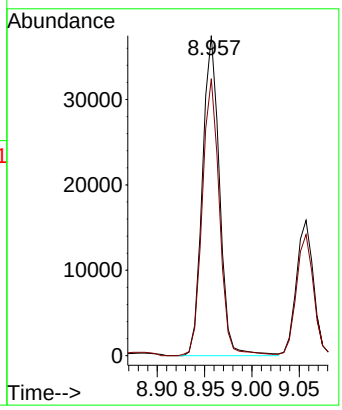


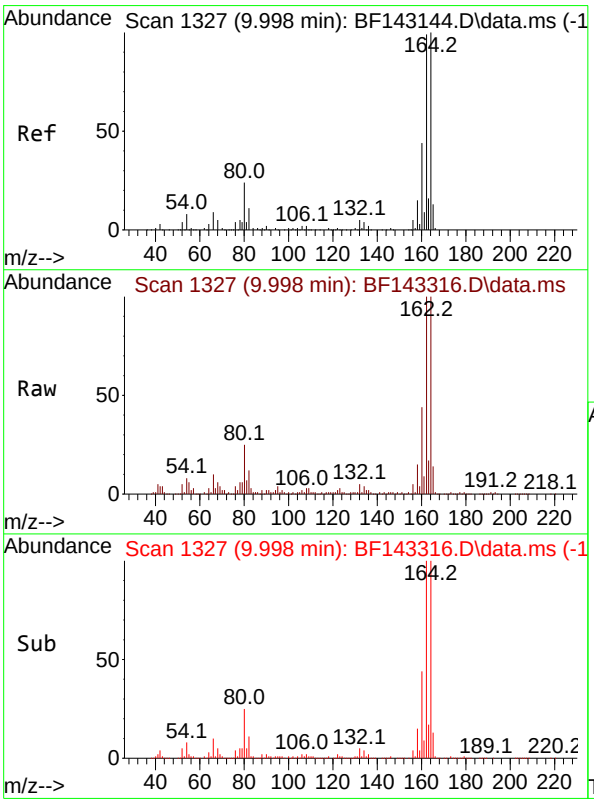
#37
2-Methylnaphthalene
Concen: 3.667 ng
RT: 8.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:142 Resp: 46908

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.9	104.9

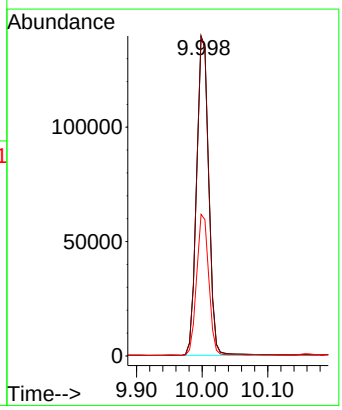


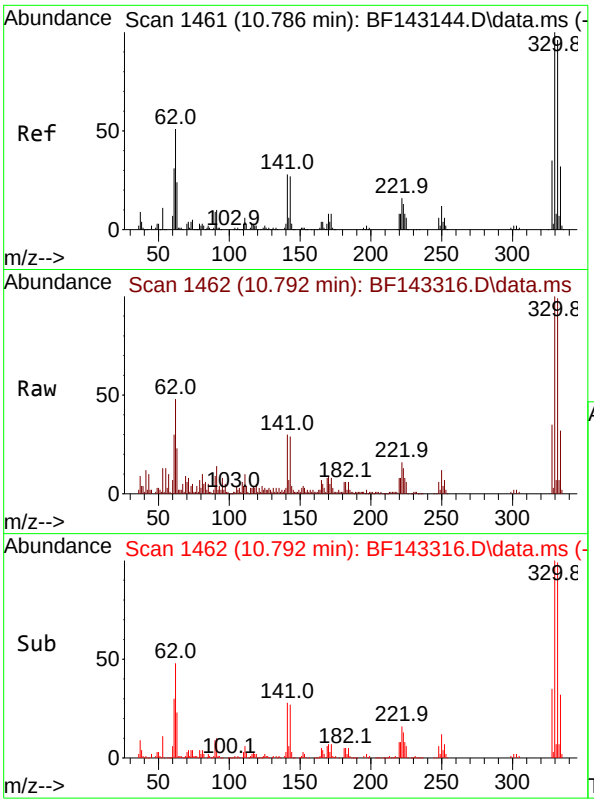


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:164 Resp: 181244

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.0	118.6
160	44.3	35.1	52.7



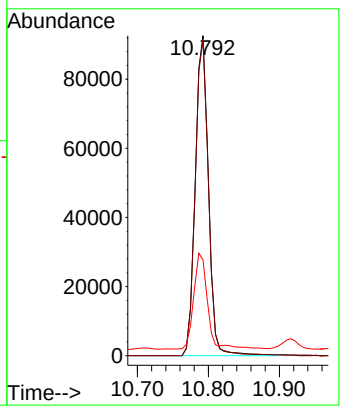


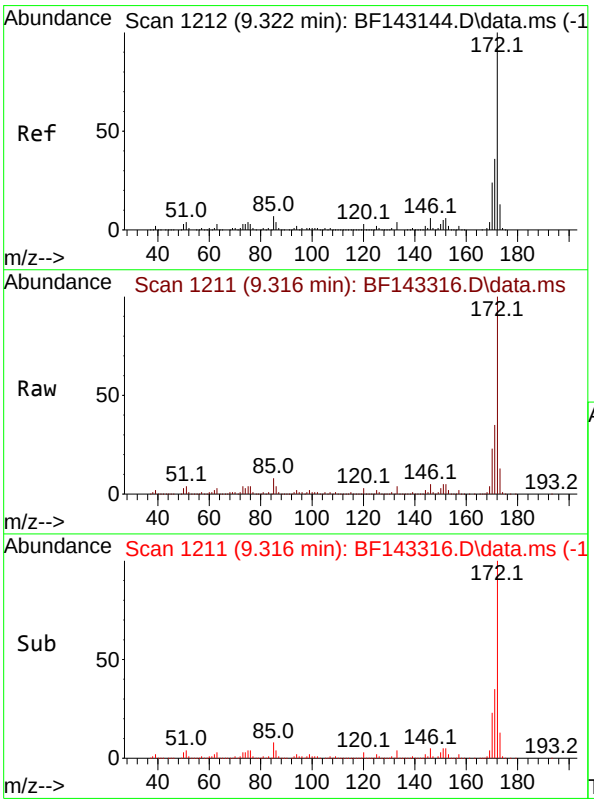
#42
2,4,6-Tribromophenol
Concen: 64.151 ng
RT: 10.792 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:330 Resp: 120114

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.7	115.1
141	31.3	23.3	34.9

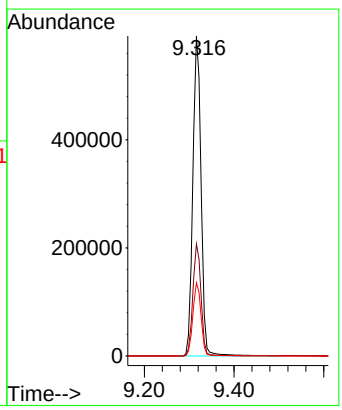


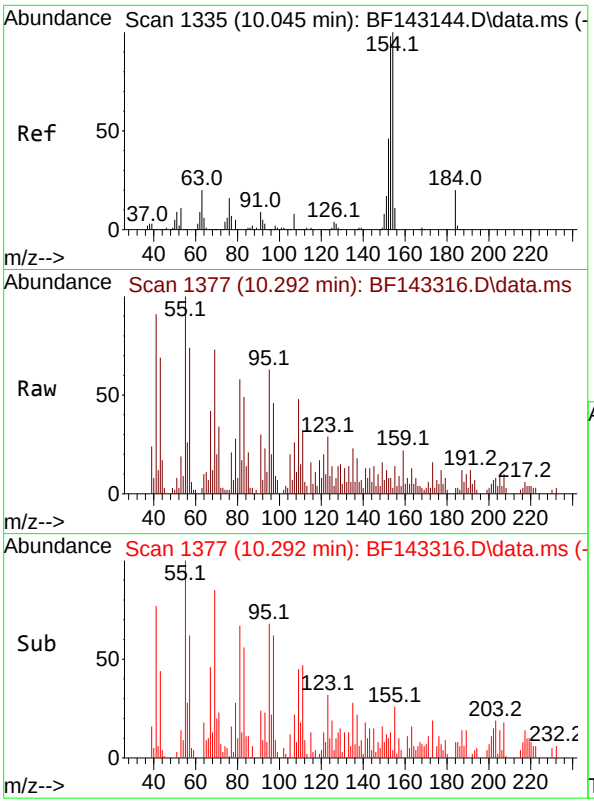


#45
2-Fluorobiphenyl
Concen: 57.001 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:172 Resp: 755400

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	22.9	18.8	28.2



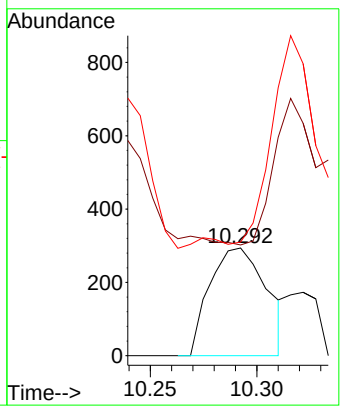


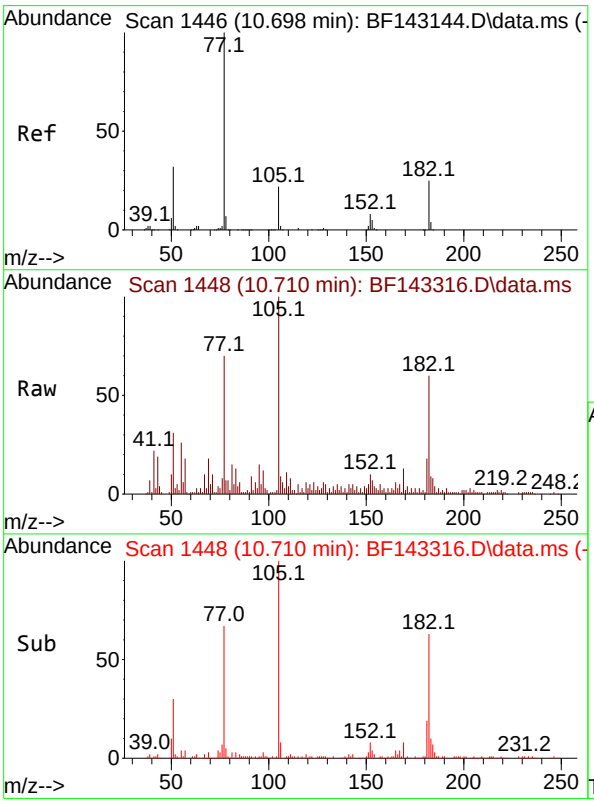
#54
2,4-Dinitrophenol
Concen: 7.123 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:184 Resp: 546

Ion	Ratio	Lower	Upper
184	100		
63	102.7	81.8	122.6
154	105.4	412.2	618.4#

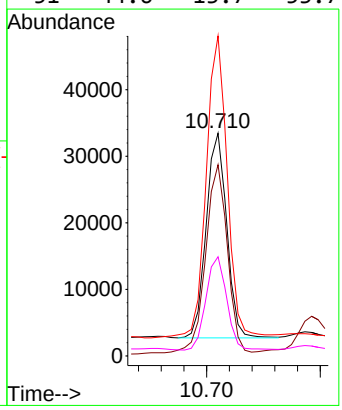


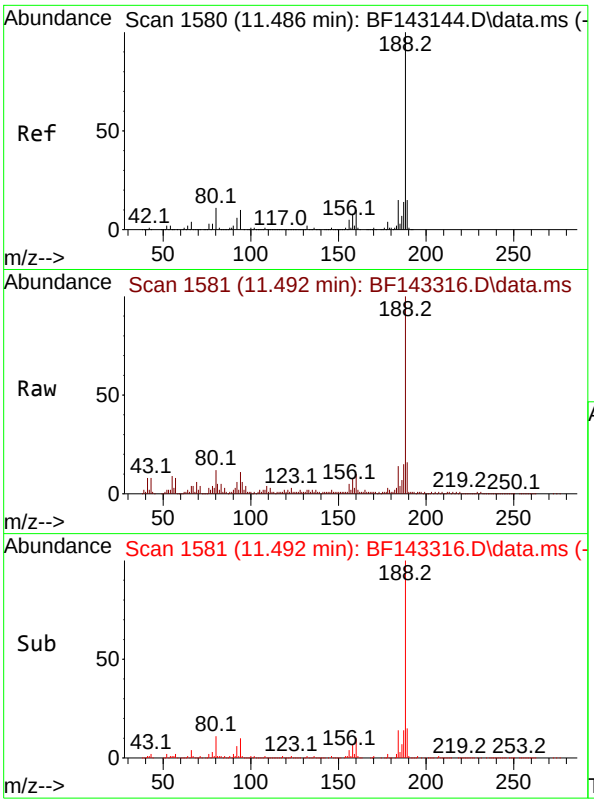


#63
Azobenzene
Concen: 3.166 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion: 77 Resp: 38533

Ion	Ratio	Lower	Upper
77	100		
182	85.8	4.6	44.6#
105	143.7	1.4	41.4#
51	44.6	13.7	53.7



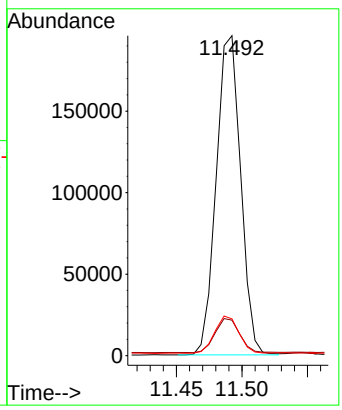


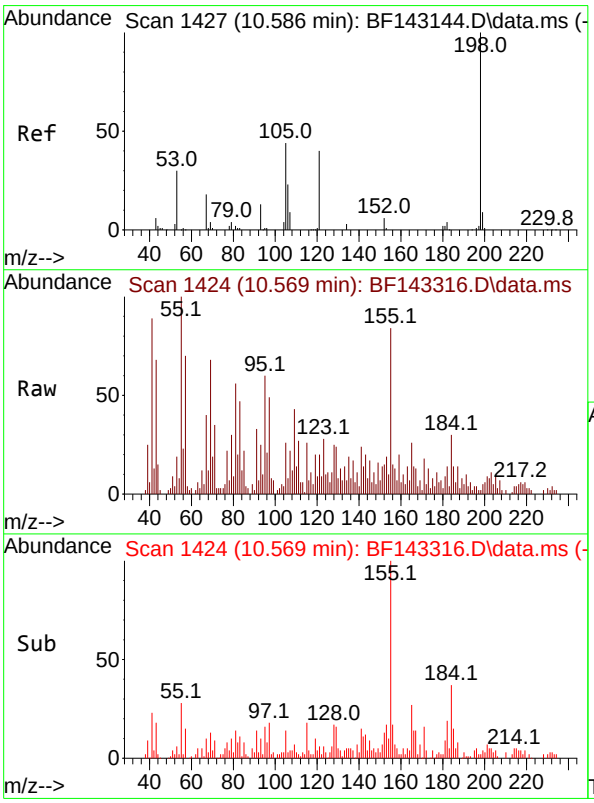
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:188 Resp: 254194

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.3	12.5
80	11.5	9.0	13.6

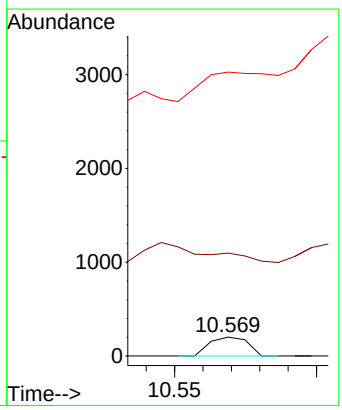


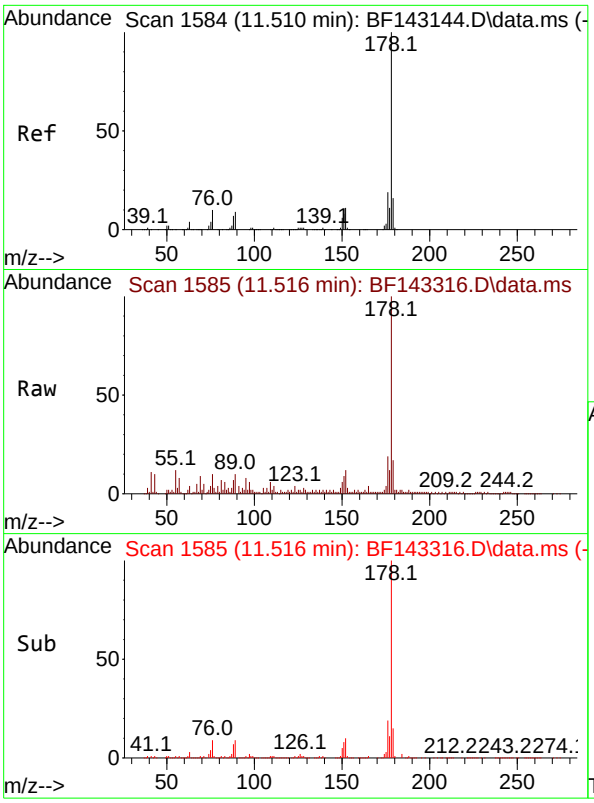


#65
4,6-Dinitro-2-methylphenol
Concen: 5.538 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.017 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:198 Resp: 189

Ion	Ratio	Lower	Upper
198	100		
51	543.1	37.2	77.2#
105	1498.5	24.8	64.8#



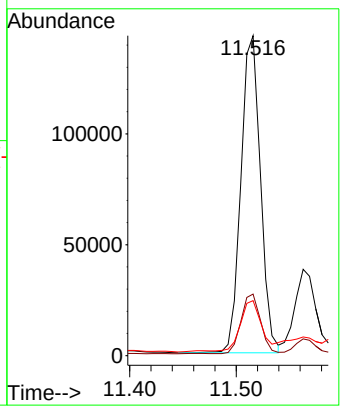


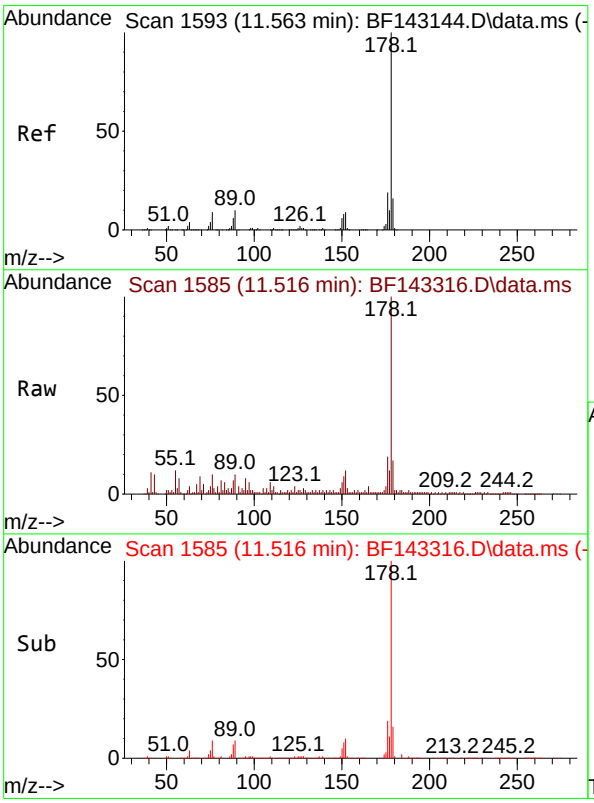
#71
Phenanthrene
Concen: 13.503 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:178 Resp: 182250

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	17.2	12.5	18.7

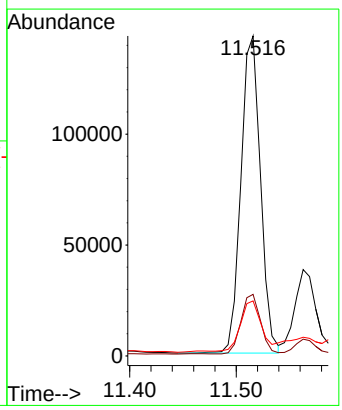


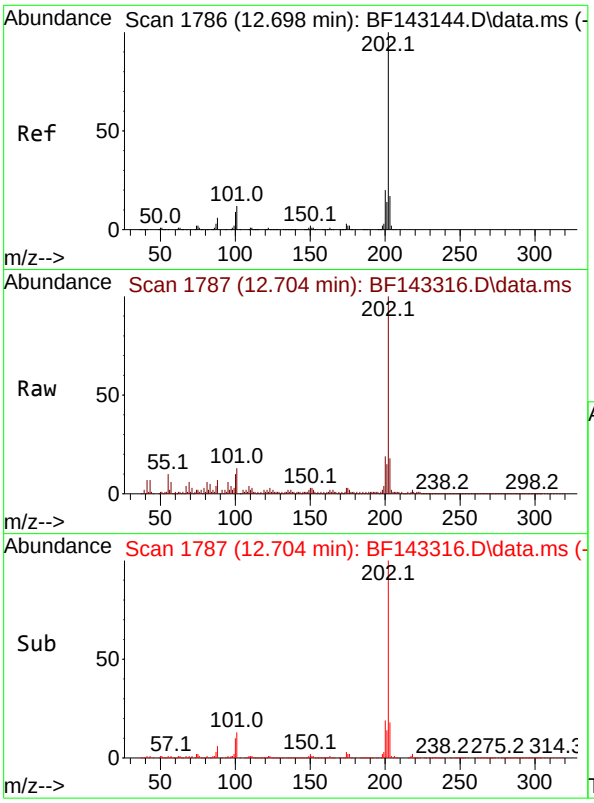


#72
Anthracene
Concen: 13.240 ng
RT: 11.516 min Scan# 1585
Delta R.T. -0.047 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:178 Resp: 182250

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	17.2	12.5	18.7



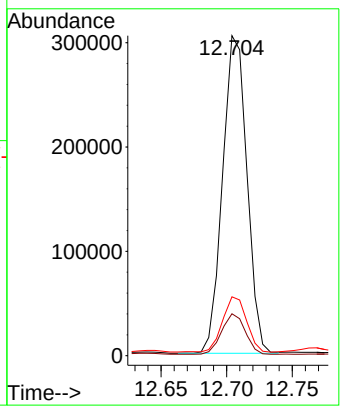


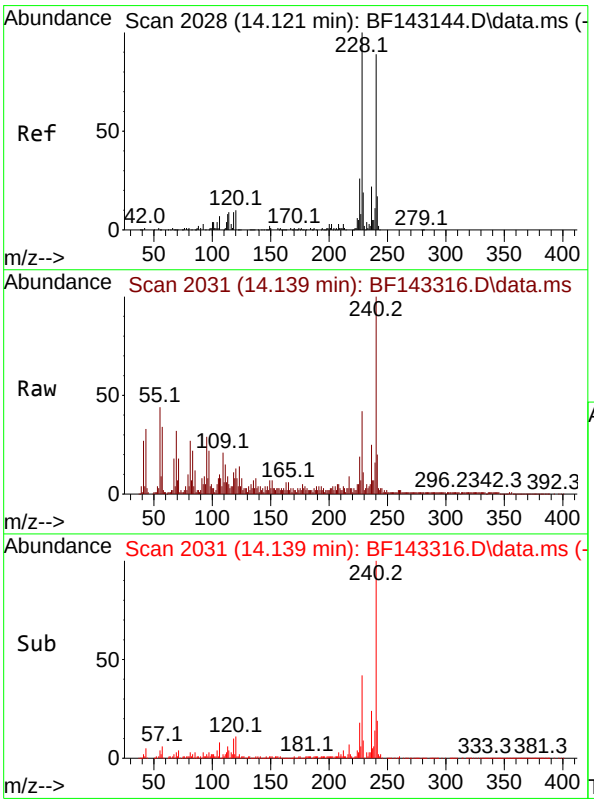
#75
Fluoranthene
Concen: 31.777 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:202 Resp: 393665

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.7
203	18.4	0.0	37.4

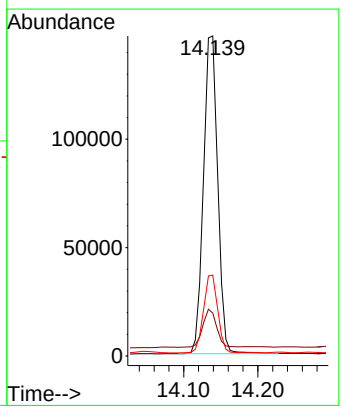


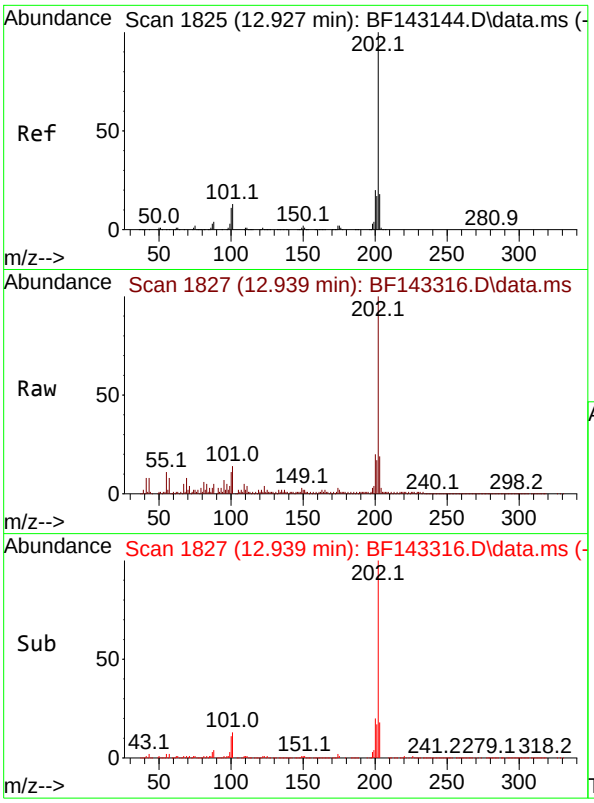


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2031
Delta R.T. 0.018 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:240 Resp: 196384

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.4	14.2
236	25.3	20.2	30.4



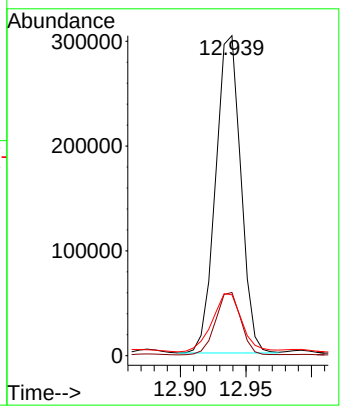


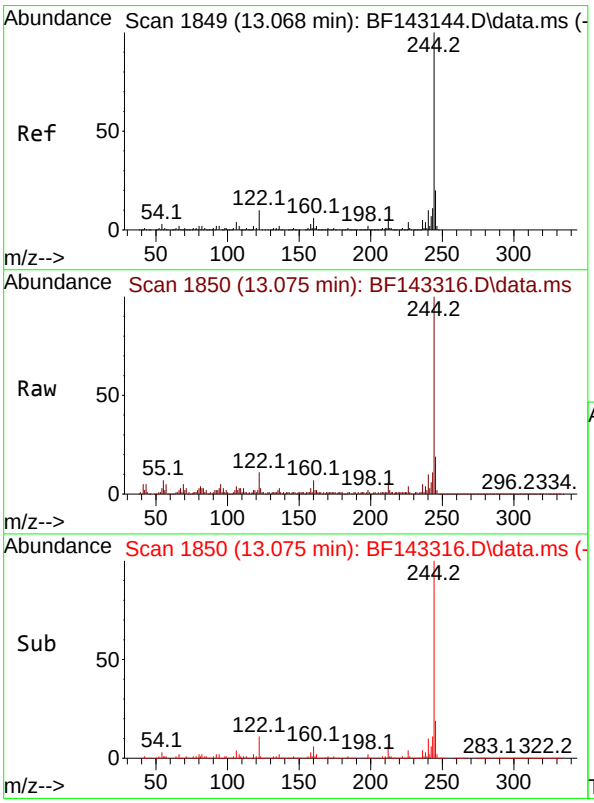
#78
Pyrene
Concen: 24.162 ng
RT: 12.939 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:202 Resp: 404969

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	19.0	14.2	21.2

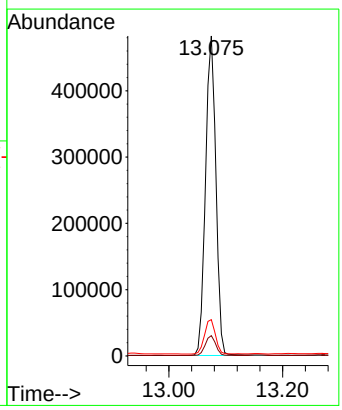


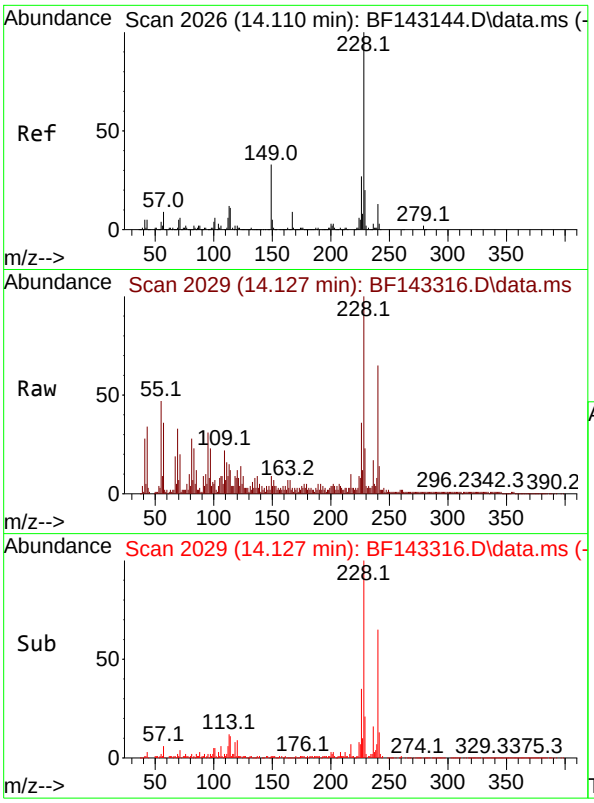


#79
Terphenyl-d14
Concen: 46.110 ng
RT: 13.075 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:244 Resp: 608502

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.4	8.2	12.2



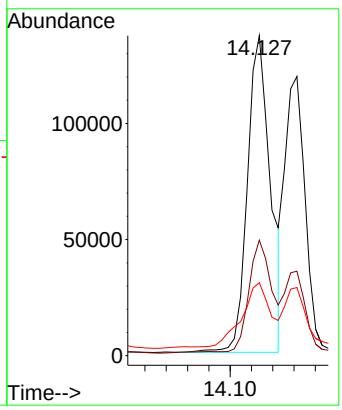


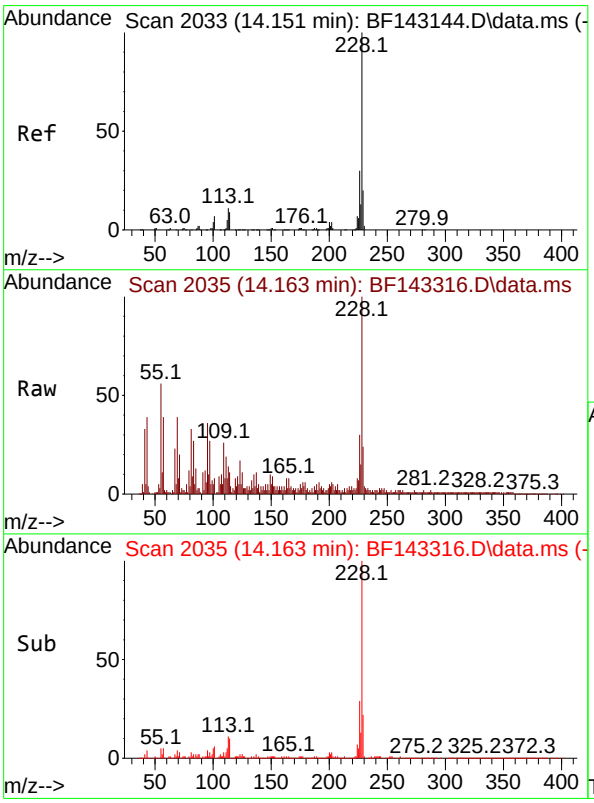
#81
Benzo(a)anthracene
Concen: 15.546 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:228 Resp: 204400

Ion	Ratio	Lower	Upper
228	100		
226	36.1	21.7	32.5#
229	22.8	15.8	23.6

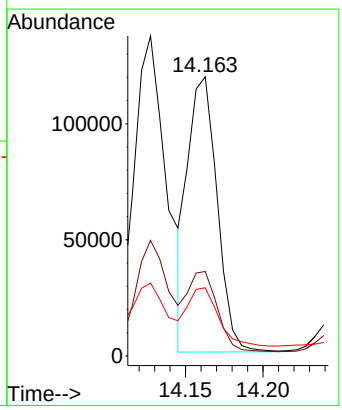


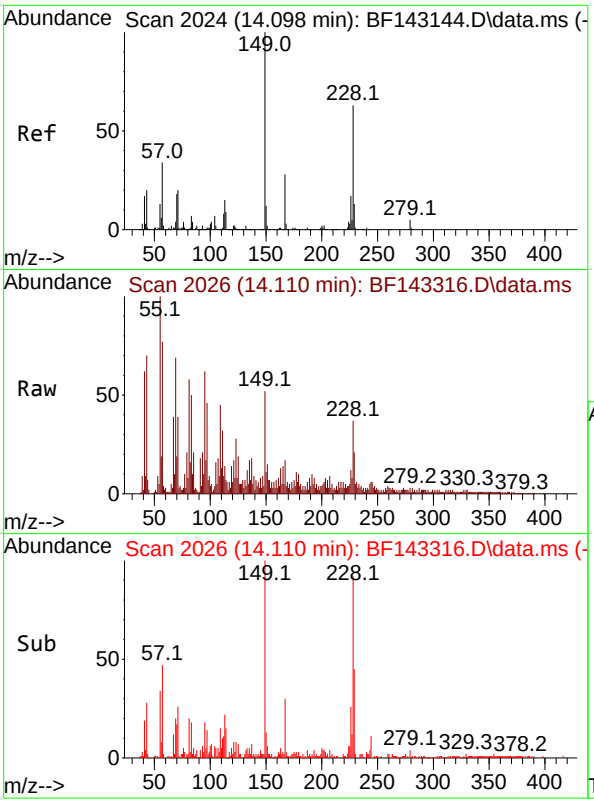


#83
Chrysene
Concen: 13.193 ng
RT: 14.163 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:228 Resp: 155959

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	24.4	15.6	23.4#



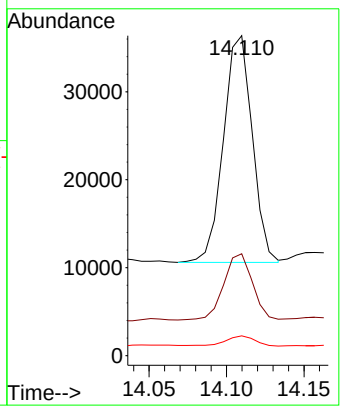


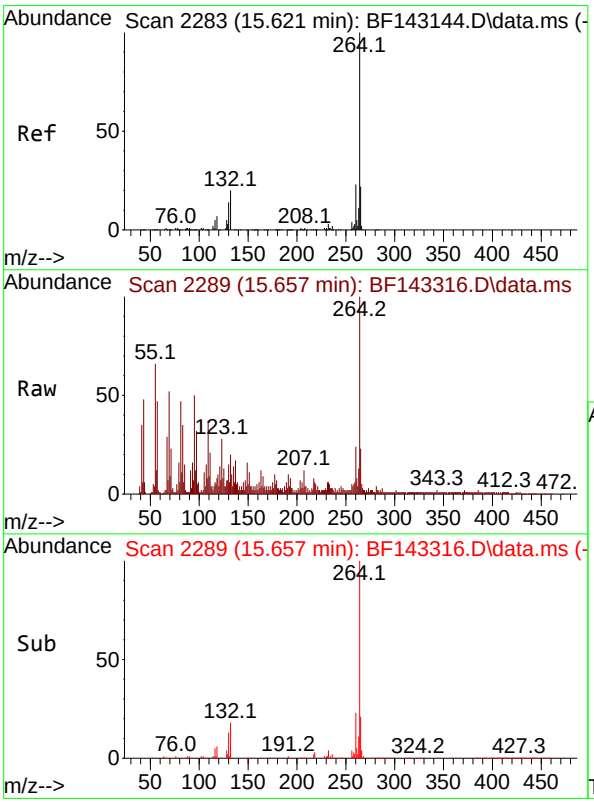
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.291 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:149 Resp: 33330

Ion	Ratio	Lower	Upper
149	100		
167	31.8	22.3	33.5
279	6.2	3.6	5.4#

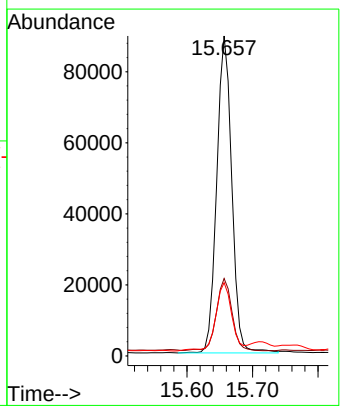


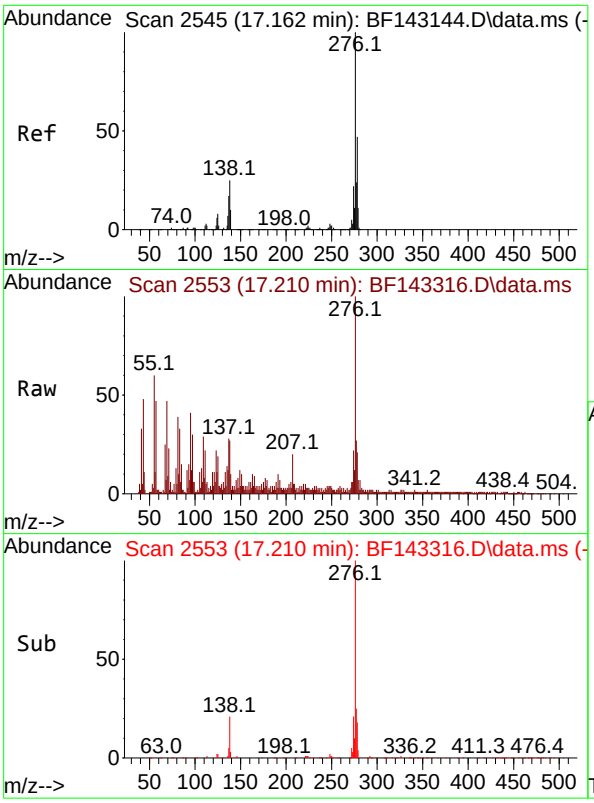


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2289
Delta R.T. 0.035 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:264 Resp: 141578

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	22.9	17.4	26.2



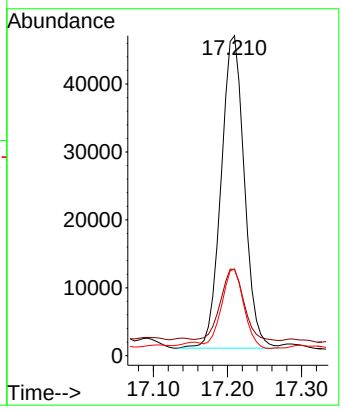


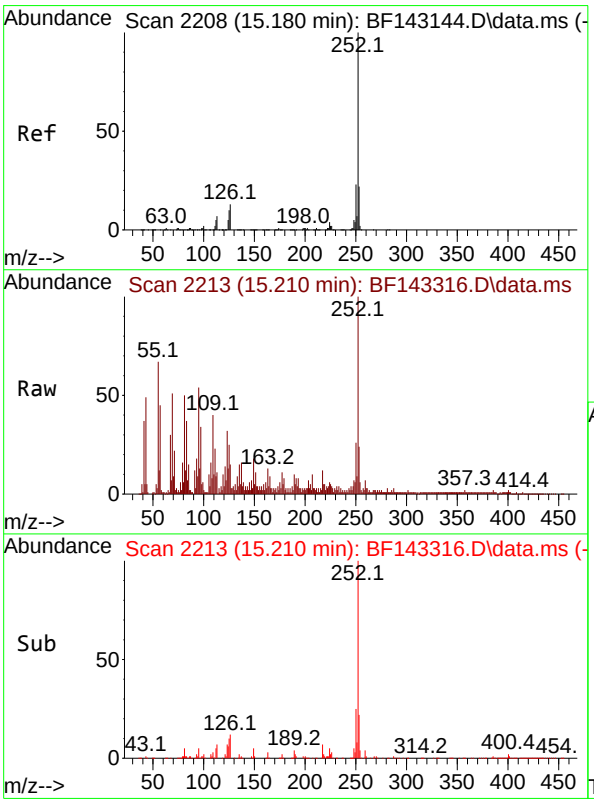
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.046 ng
RT: 17.210 min Scan# 2
Delta R.T. 0.047 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:276 Resp: 100295

Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.8	32.6
277	24.3	20.0	30.0

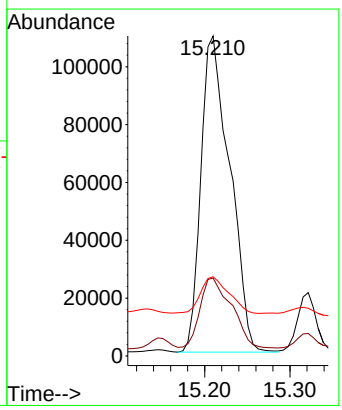


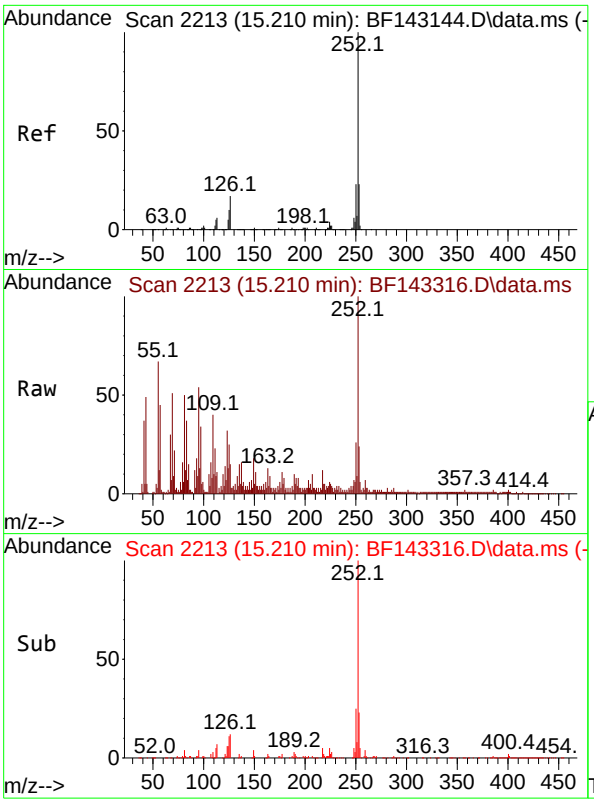


#88
Benzo(b)fluoranthene
Concen: 29.833 ng
RT: 15.210 min Scan# 2213
Delta R.T. 0.030 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:252 Resp: 258027

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	24.7	8.0	12.0#



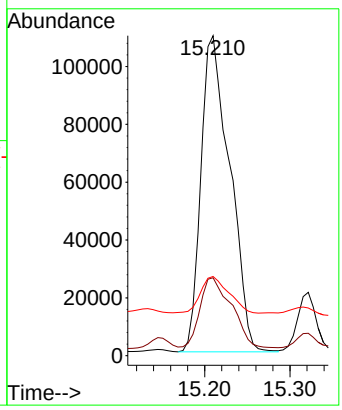


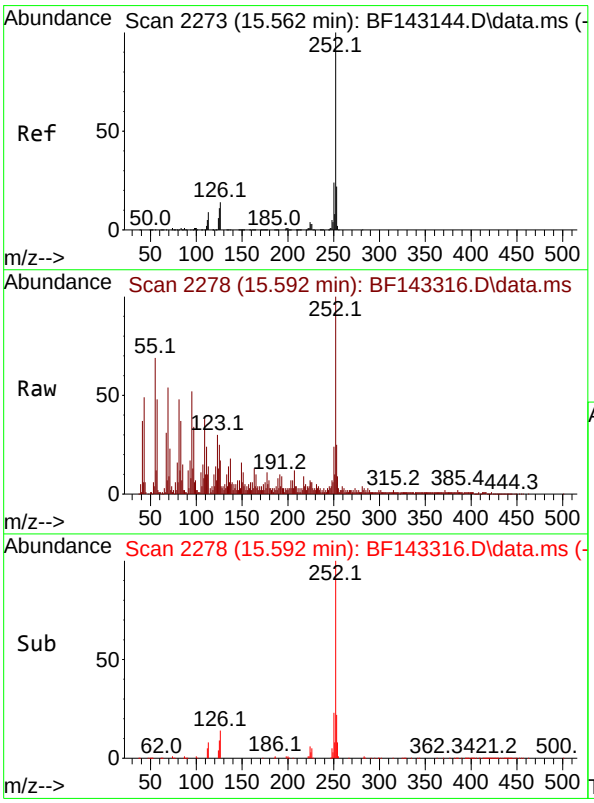
#89
Benzo(k)fluoranthene
Concen: 33.432 ng
RT: 15.210 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:252 Resp: 258027

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	24.7	8.1	12.1#

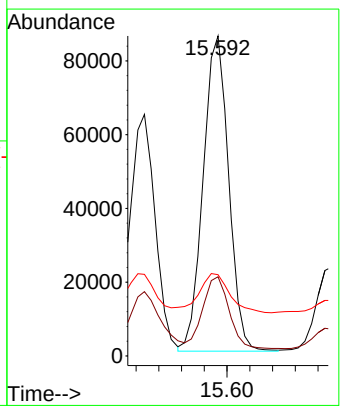


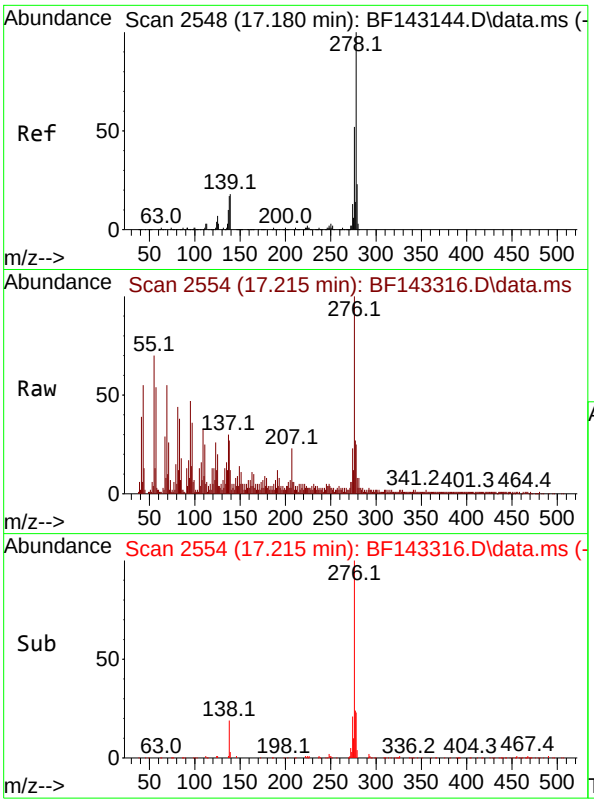


#90
Benzo(a)pyrene
Concen: 16.687 ng
RT: 15.592 min Scan# 2278
Delta R.T. 0.030 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:252 Resp: 132976

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	25.4	8.6	13.0#



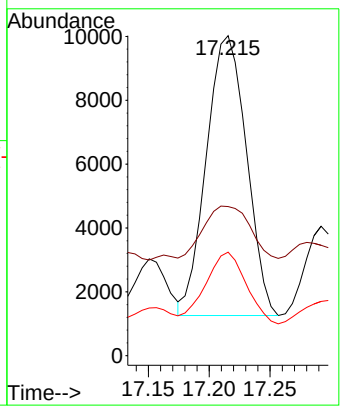


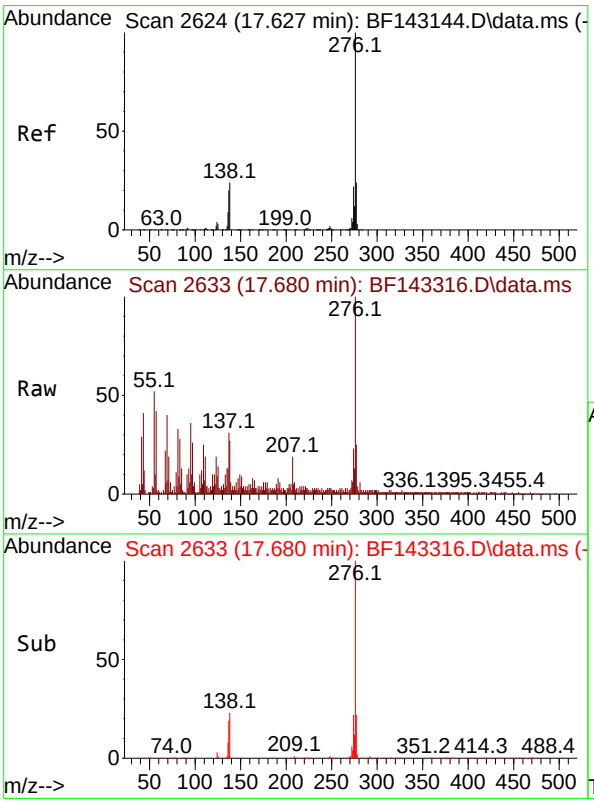
#91
Dibenzo(a,h)anthracene
Concen: 2.471 ng
RT: 17.215 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:278 Resp: 20078

Ion	Ratio	Lower	Upper
278	100		
139	46.6	14.1	21.1#
279	32.3	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 14.349 ng
RT: 17.680 min Scan# 2633
Delta R.T. 0.053 min
Lab File: BF143316.D
Acq: 05 Aug 2025 15:26

Tgt Ion:276 Resp: 112786

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.1	28.7
138	27.2	18.9	28.3