Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Time: Aug 13 01:01:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	150426	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	560117	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	283111	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	417526	20.000	ng		0.00
76) Chrysene-d12	14.086	240	395967	20.000	ng		0.00
86) Perylene-d12	15.580	264	441728	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	380721	43.767	ng		0.00
7) Phenol-d6	6.551	99	476726	42.736	ng		-0.01
23) Nitrobenzene-d5	7.481	82	298338	33.169	ng		-0.01
42) 2,4,6-Tribromophenol	10.751	330	102238	49.413	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	598644	35.857	ng		0.00
79) Terphenyl-d14	13.027	244	591498	26.669	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	40319	5.849	ng	#	84
25) Isophorone	7.481	82	284801	15.511	ng	#	65
32) Benzoic acid	7.975	122	486	3.637	ng	#	71
48) 2-Nitroaniline	9.551	65	107	2.788	ng	#	6
51) 2,6-Dinitrotoluene	9.963	165	38404	14.473	ng	#	21
52) Acenaphthene	9.992	154	40829	2.698	ng		99
56) 4-Nitrophenol	10.169	139	14426	10.440	ng	#	8
57) 2,4-Dinitrotoluene	9.963	165	38404	11.678	ng	#	20
58) Fluorene	10.510	166	55789	3.353	ng		98
63) Azobenzene	10.669	77	39449	2.331	ng	#	1
65) 4,6-Dinitro-2-methylph...	10.751	198	57	7.290	ng	#	1
70) Pentachlorophenol	11.269	266	53	5.941	ng	#	20
71) Phenanthrene	11.474	178	566360	24.862	ng		100
72) Anthracene	11.521	178	132678	5.743	ng		99
73) Carbazole	11.674	167	40517	2.059	ng		99
75) Fluoranthene	12.663	202	815490	40.868	ng		98
78) Pyrene	12.892	202	696045	20.954	ng		99
80) Butylbenzylphthalate	13.504	149	946	3.485	ng	#	80
81) Benzo(a)anthracene	14.080	228	421522	16.749	ng		97
83) Chrysene	14.110	228	333948	14.230	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	14613	5.377	ng		96
85) Di-n-octyl phthalate	14.668	149	37383	7.725	ng	#	63
87) Indeno(1,2,3-cd)pyrene	17.086	276	172472	5.450	ng		96
88) Benzo(b)fluoranthene	15.145	252	706067	29.224	ng		98
89) Benzo(k)fluoranthene	15.145	252	706067	30.075	ng		99
90) Benzo(a)pyrene	15.515	252	352233	15.479	ng		99
92) Benzo(g,h,i)perylene	17.545	276	148469	5.829	ng		100

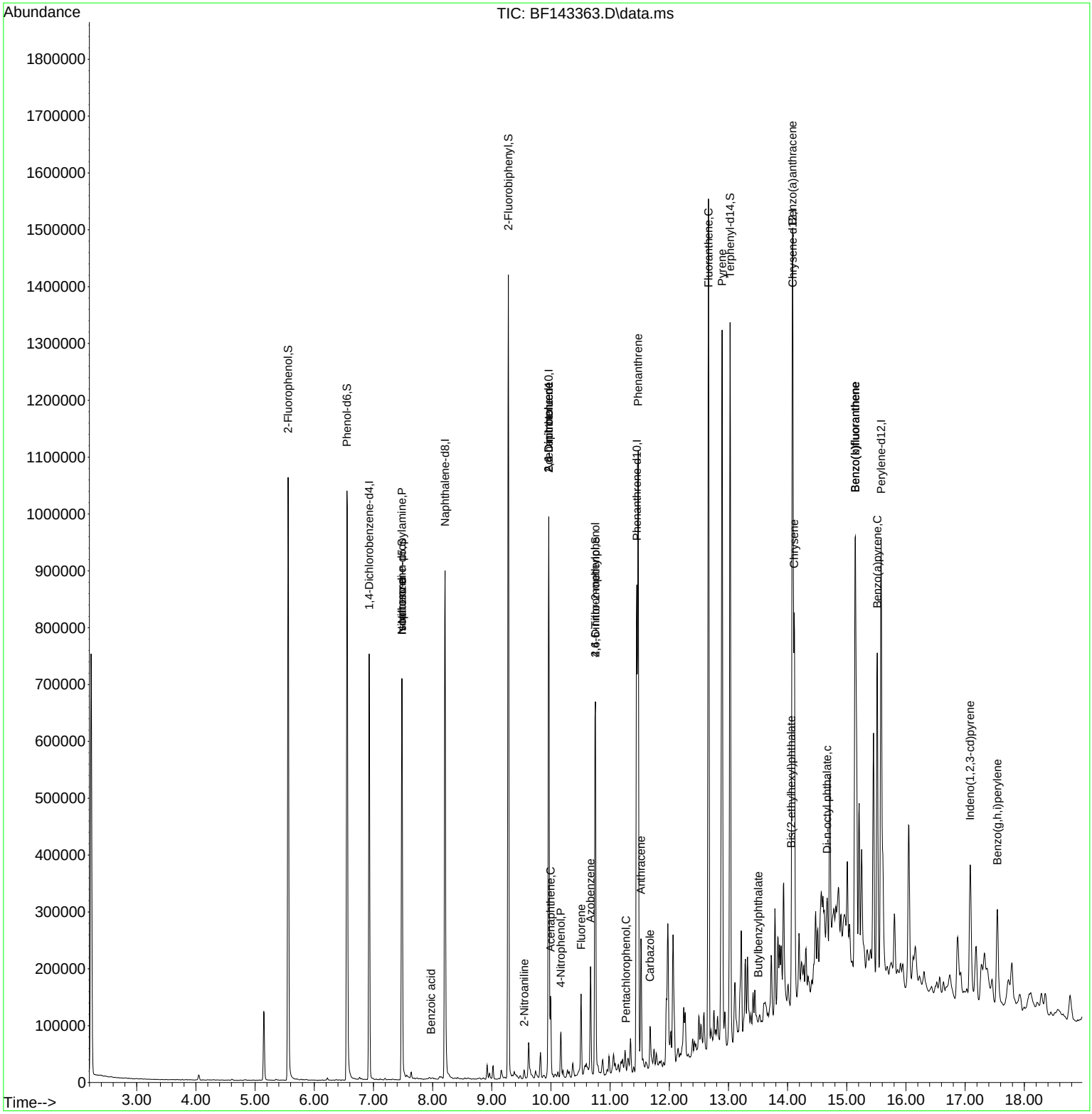
(#) = qualifier out of range (m) = manual integration (+) = signals summed

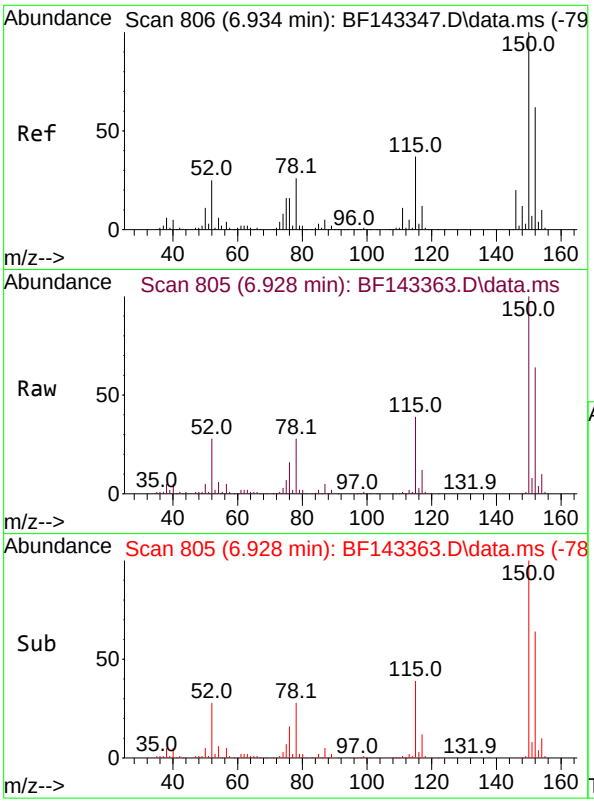
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143363.D
Acq On : 12 Aug 2025 20:02
Operator : RC/JU
Sample : Q2831-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Time: Aug 13 01:01:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



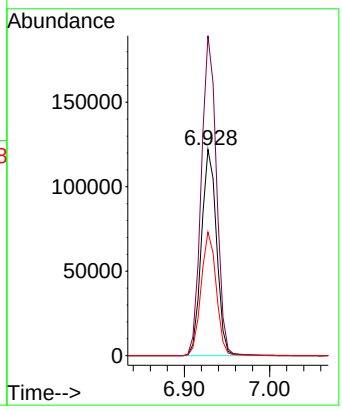


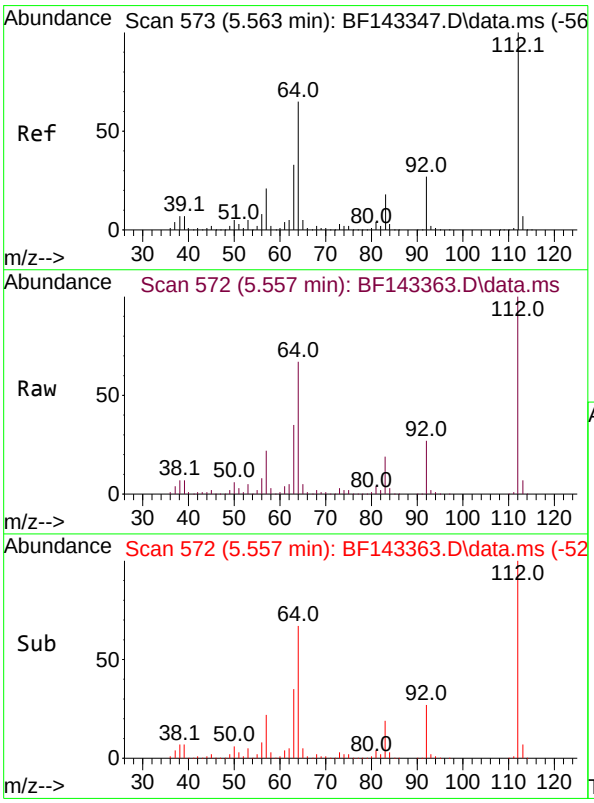
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:152 Resp: 150426

Ion	Ratio	Lower	Upper
152	100		
150	155.2	129.8	194.8
115	60.0	47.8	71.8

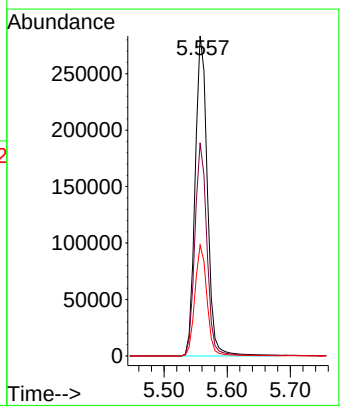


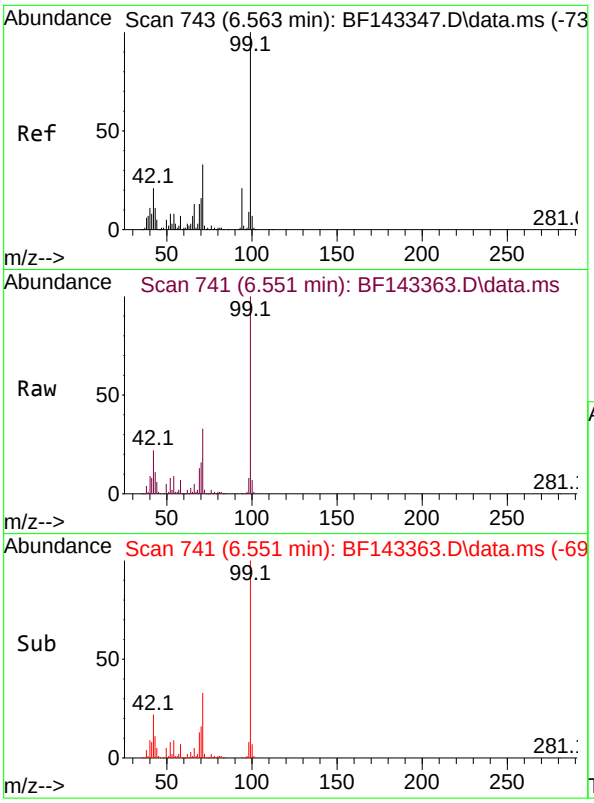


#5
2-Fluorophenol
Concen: 43.767 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:112 Resp: 380721

Ion	Ratio	Lower	Upper
112	100		
64	66.6	52.1	78.1
63	34.6	26.6	39.8



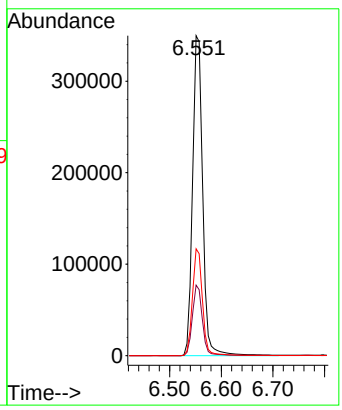


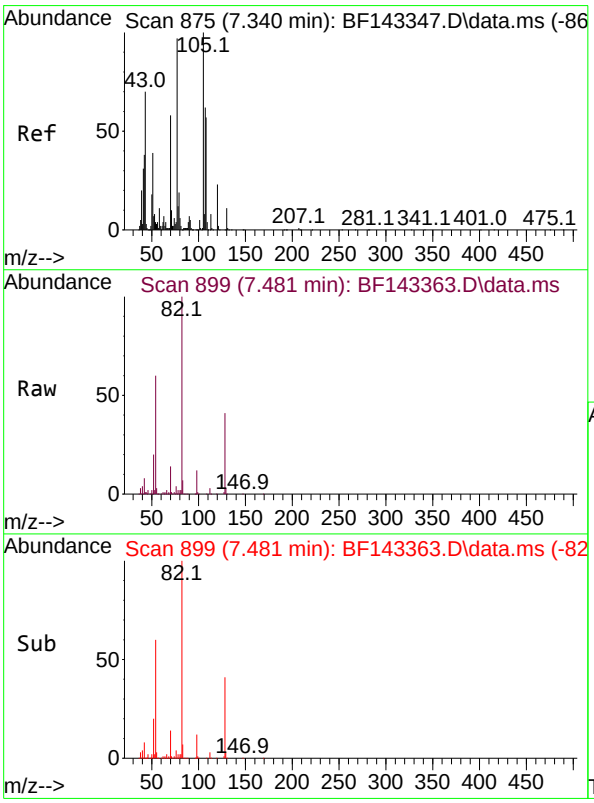
#7
Phenol-d6
Concen: 42.736 ng
RT: 6.551 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion: 99 Resp: 476726

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.6	25.0
71	33.4	26.2	39.2

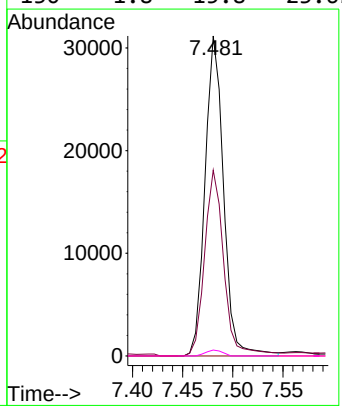


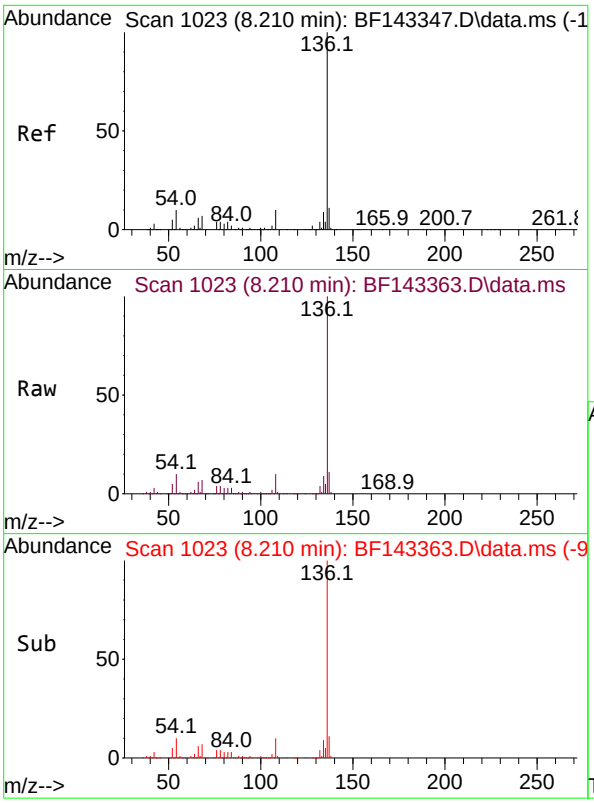


#19
n-Nitroso-di-n-propylamine
Concen: 5.849 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion: 70 Resp: 40319

Ion	Ratio	Lower	Upper
70	100		
42	58.1	51.6	77.4
101	0.0	7.5	11.3#
130	1.8	15.8	23.6#



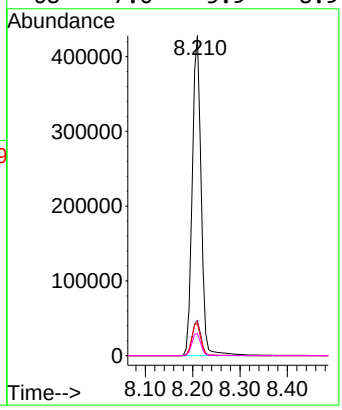


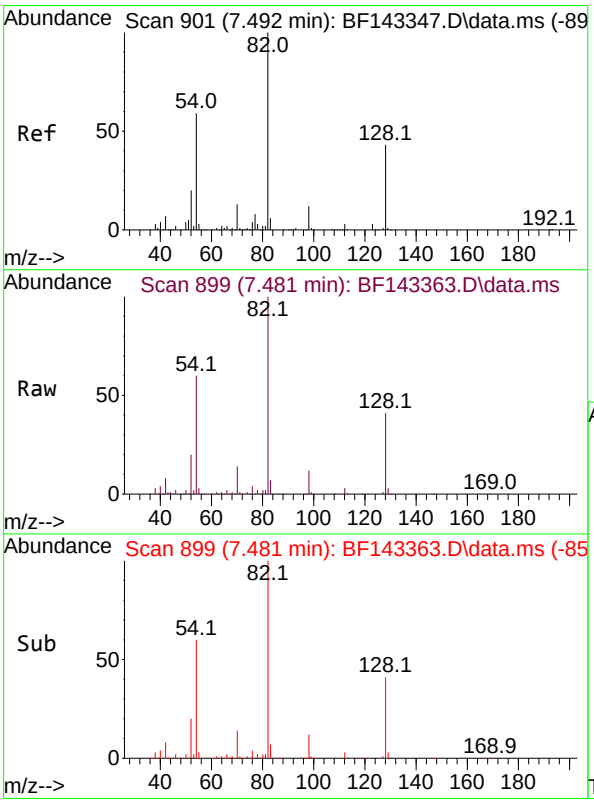
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:136 Resp: 560117

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	8.4	12.6
68	7.0	5.9	8.9

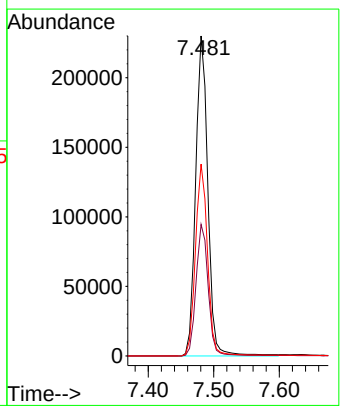


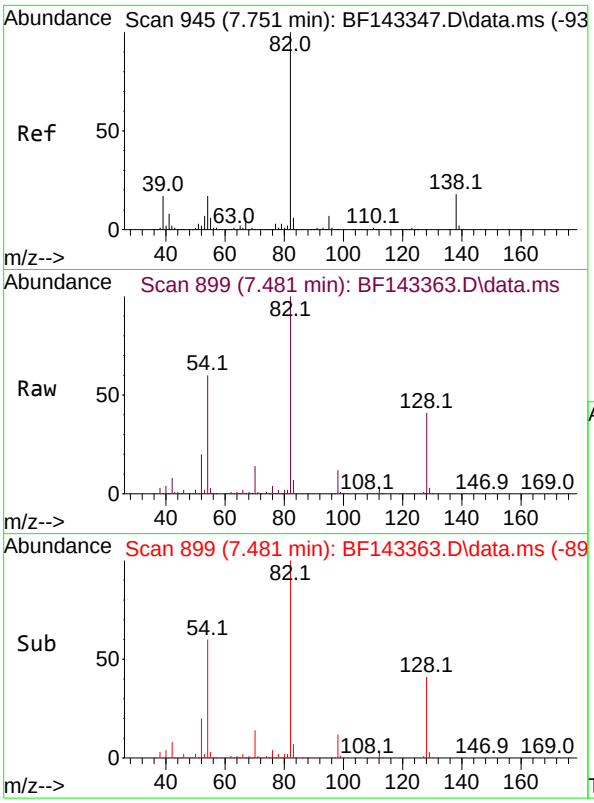


#23
Nitrobenzene-d5
Concen: 33.169 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion: 82 Resp: 298338

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.5	50.3
54	60.0	46.7	70.1



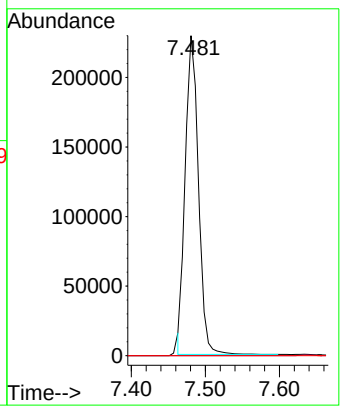


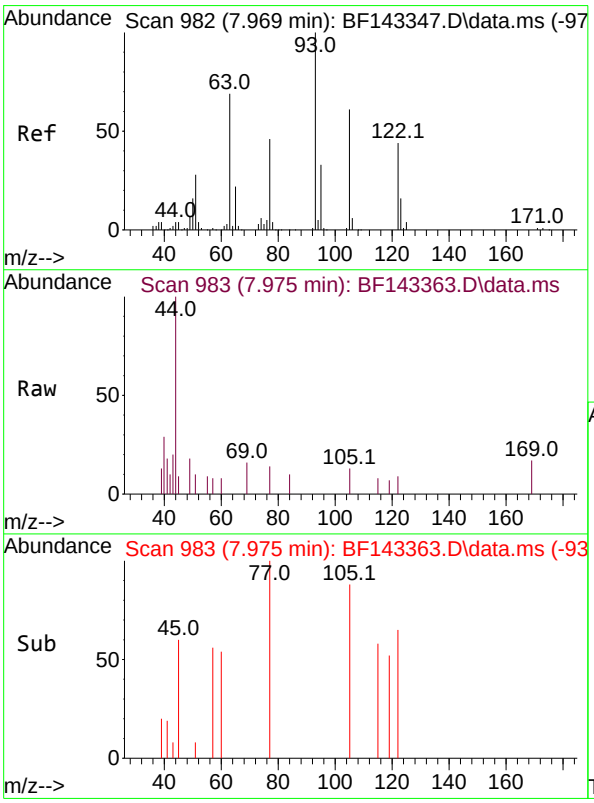
#25
Isophorone
Concen: 15.511 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion: 82 Resp: 284801

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.6	21.8#

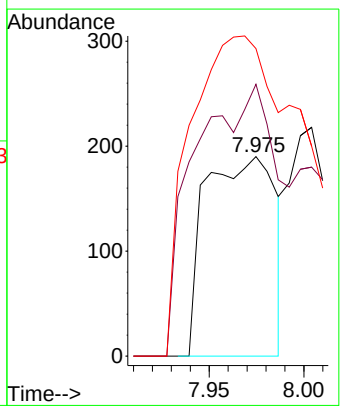


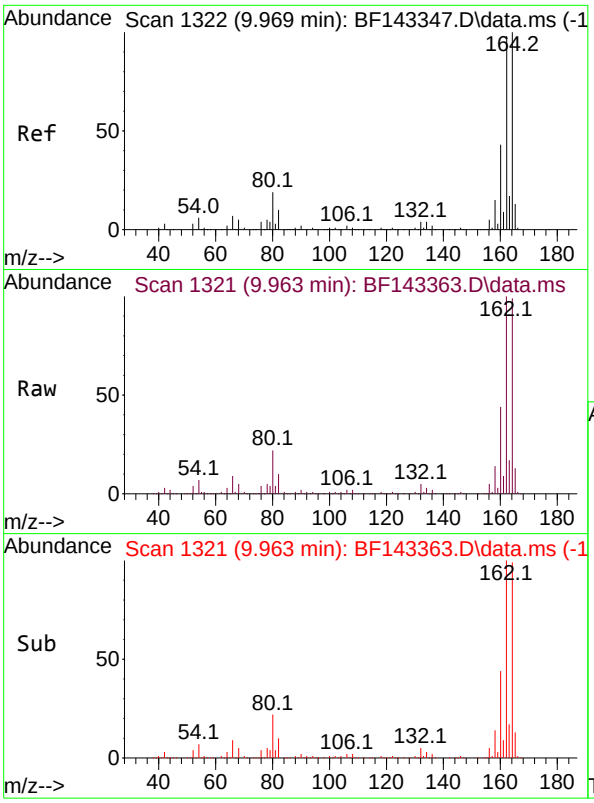


#32
Benzoic acid
Concen: 3.637 ng
RT: 7.975 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:122 Resp: 486

Ion	Ratio	Lower	Upper
122	100		
105	136.3	106.4	146.4
77	154.2	79.2	119.2#



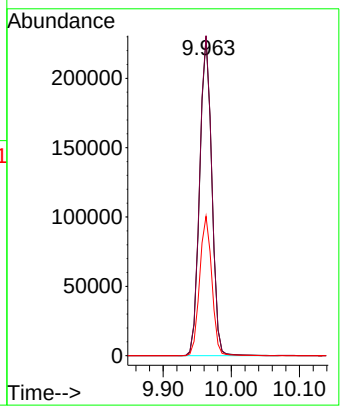


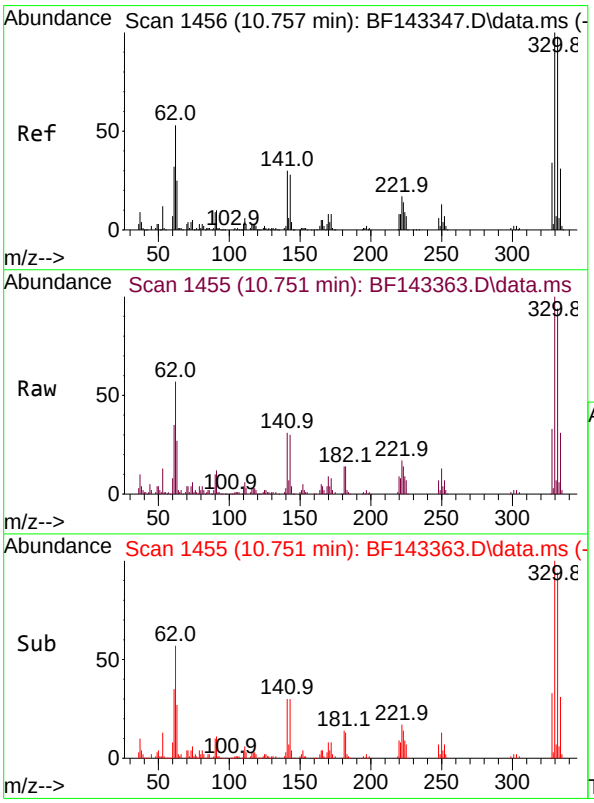
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:164 Resp: 283111

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.6	118.0
160	43.8	34.4	51.6

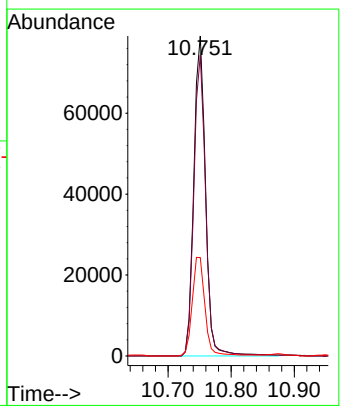


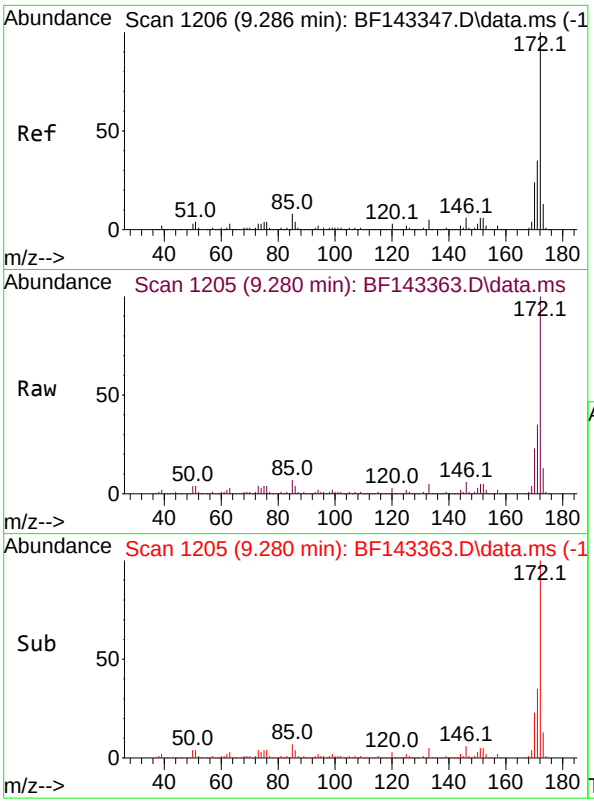


#42
2,4,6-Tribromophenol
Concen: 49.413 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:330 Resp: 102238

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	33.5	25.4	38.0



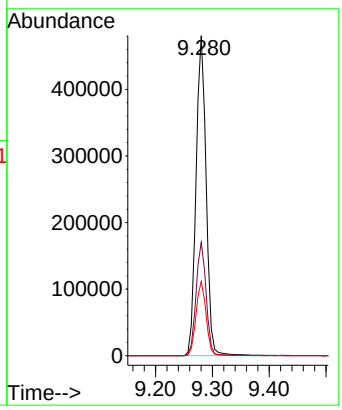


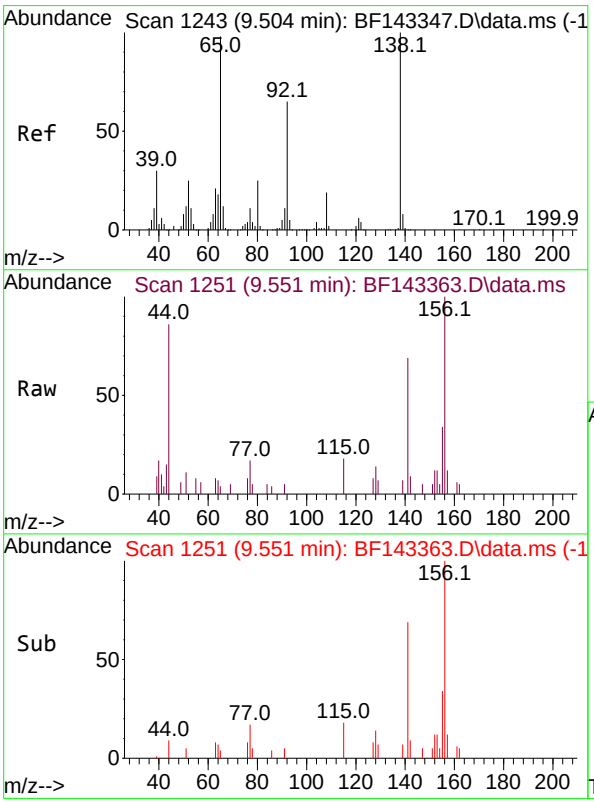
#45
2-Fluorobiphenyl
Concen: 35.857 ng
RT: 9.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:172 Resp: 598644

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	23.2	19.1	28.7

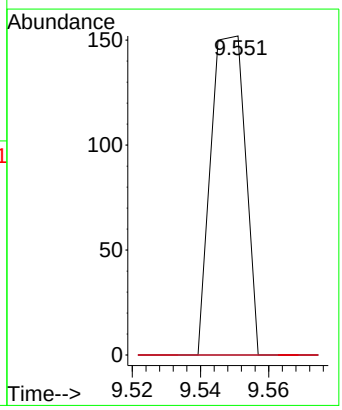


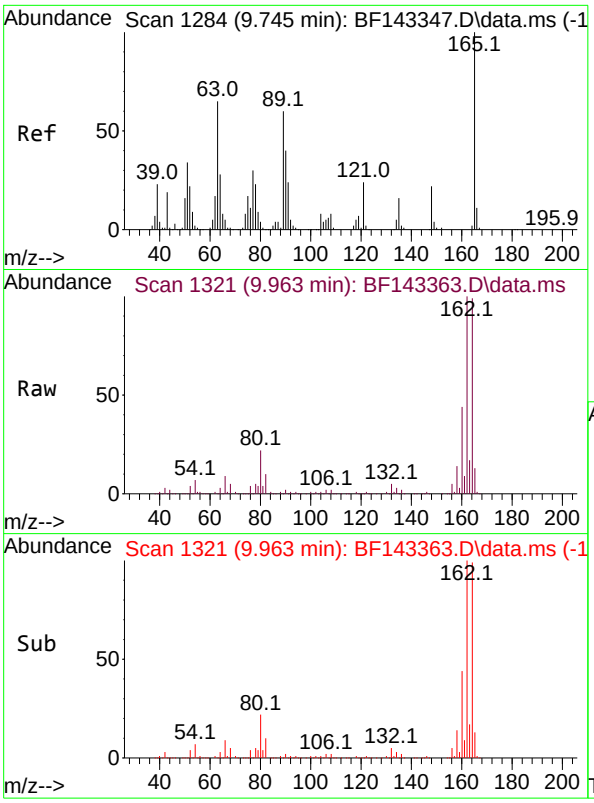


#48
2-Nitroaniline
Concen: 2.788 ng
RT: 9.551 min Scan# 1251
Delta R.T. 0.047 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion: 65 Resp: 107

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.1	79.7#
138	0.0	81.4	122.0#



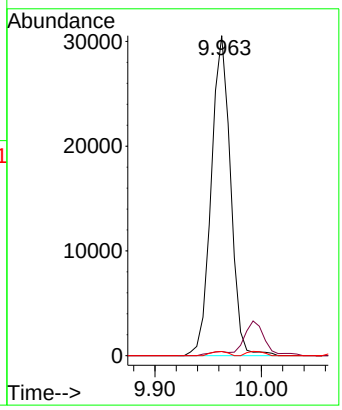


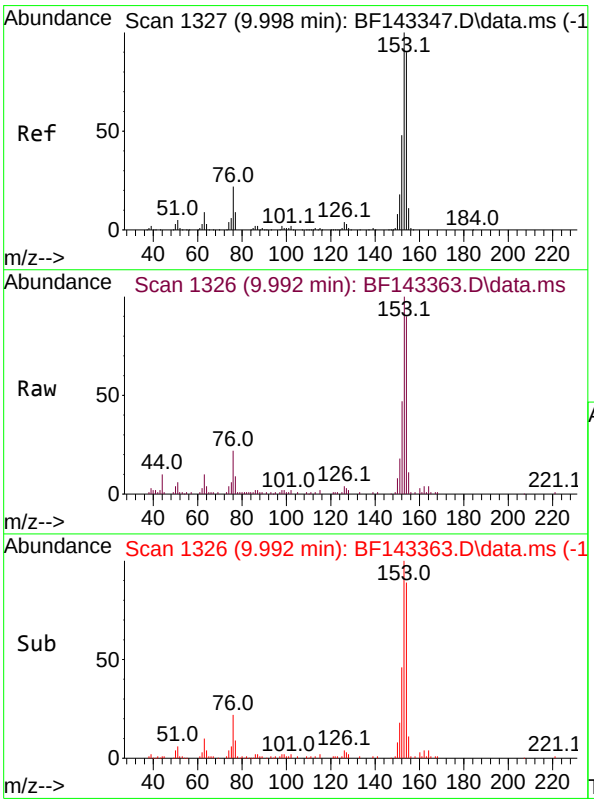
#51
2,6-Dinitrotoluene
Concen: 14.473 ng
RT: 9.963 min Scan# 1
Delta R.T. 0.218 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:165 Resp: 38404

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.6	77.4#
89	1.3	47.7	71.5#

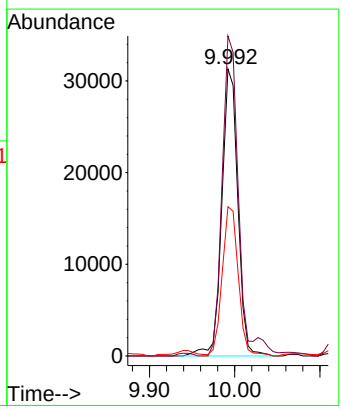


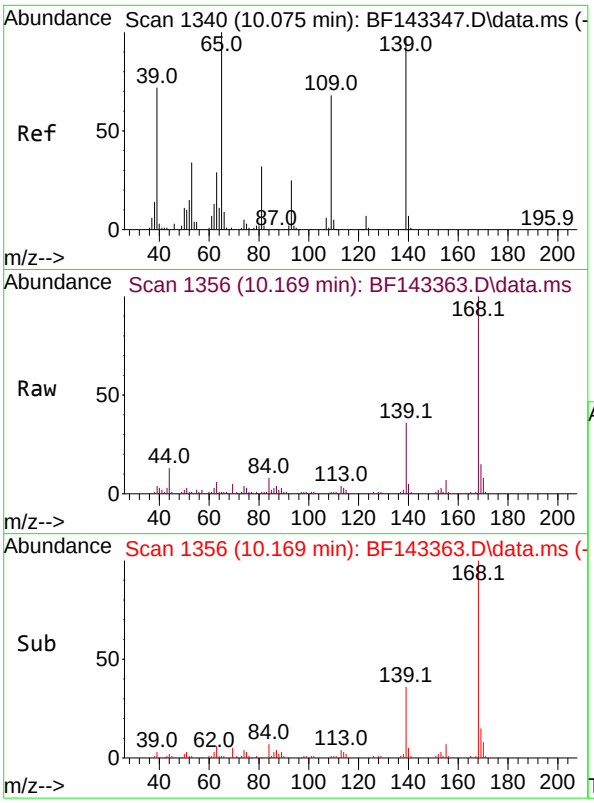


#52
Acenaphthene
Concen: 2.698 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:154 Resp: 40829

Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.5	132.7
152	52.0	42.4	63.6



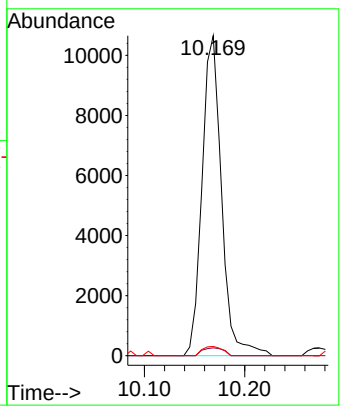


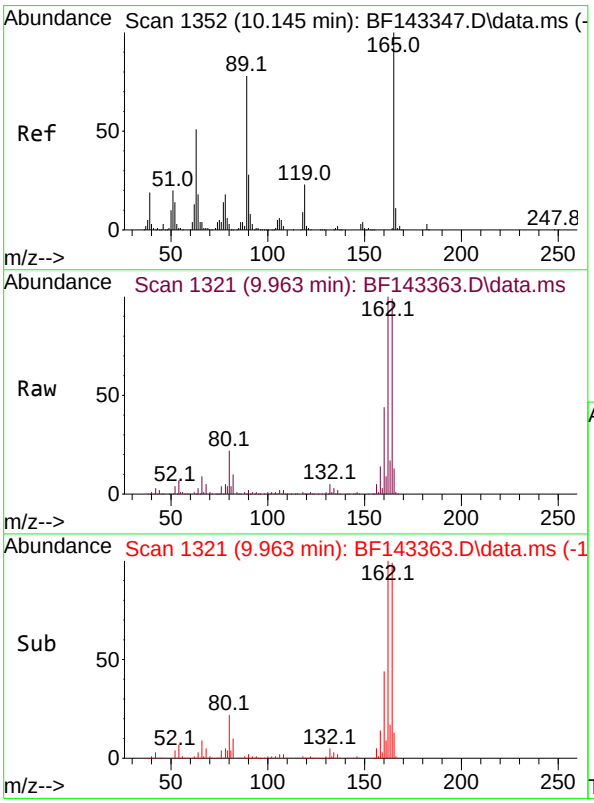
#56
4-Nitrophenol
Concen: 10.440 ng
RT: 10.169 min Scan# 1
Delta R.T. 0.094 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:139 Resp: 14426

Ion	Ratio	Lower	Upper
139	100		
109	2.5	49.4	89.4#
65	2.9	83.7	123.7#

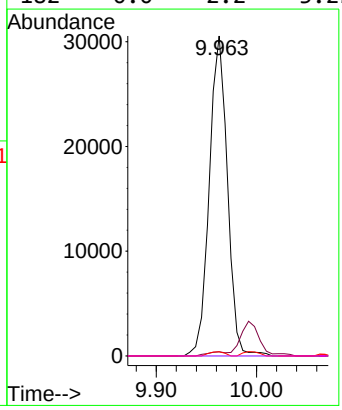


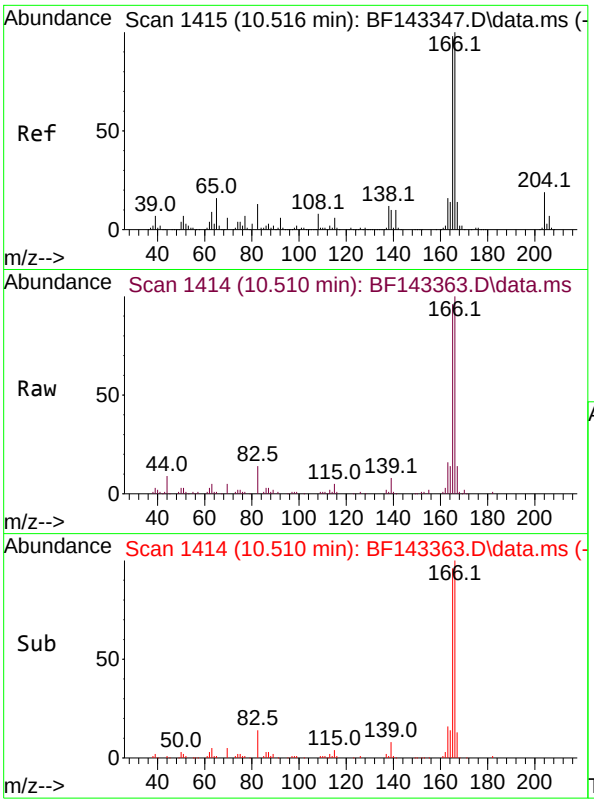


#57
2,4-Dinitrotoluene
Concen: 11.678 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:165 Resp: 38404

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.8	62.8#
89	1.3	62.4	93.6#
182	0.0	2.2	3.2#



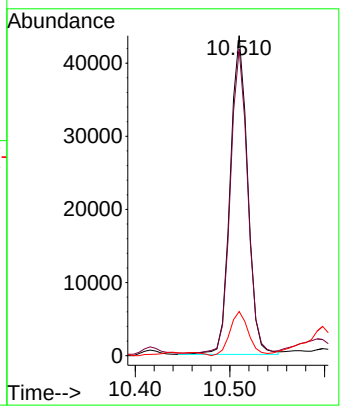


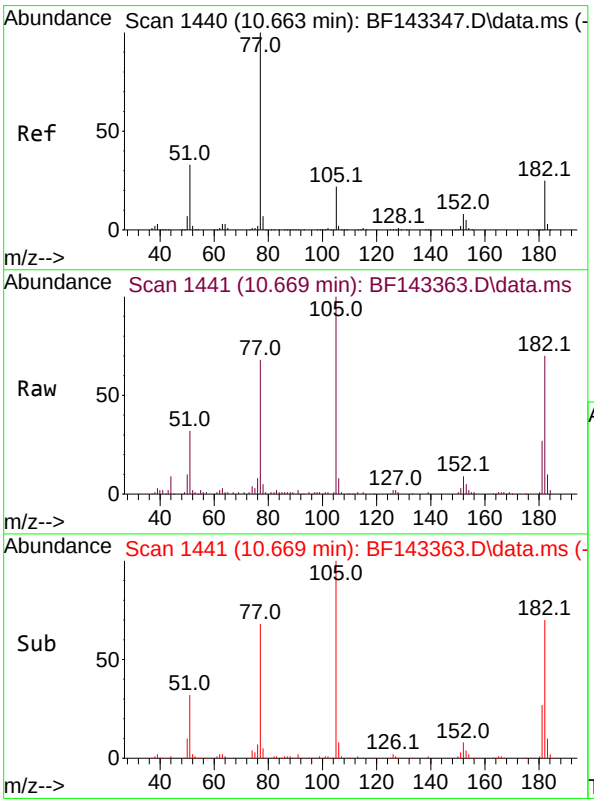
#58
Fluorene
Concen: 3.353 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:166 Resp: 55789

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.2	117.4
167	13.8	10.9	16.3

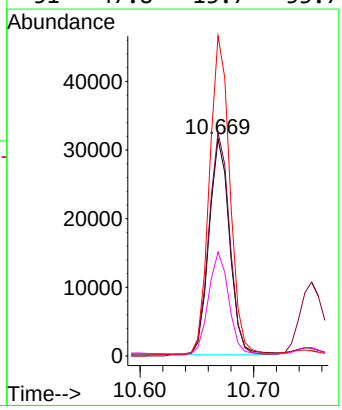


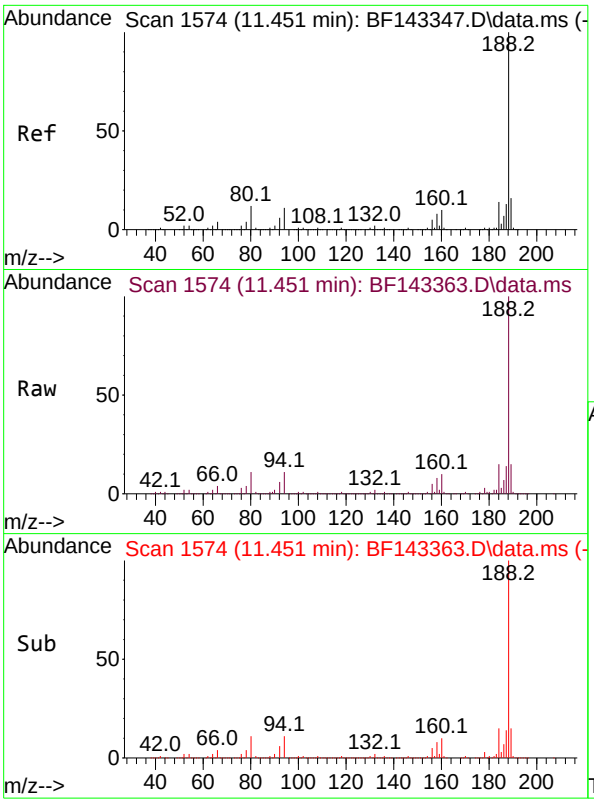


#63
Azobenzene
Concen: 2.331 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion: 77 Resp: 39449

Ion	Ratio	Lower	Upper
77	100		
182	102.9	4.4	44.4#
105	147.4	1.8	41.8#
51	47.8	13.7	53.7



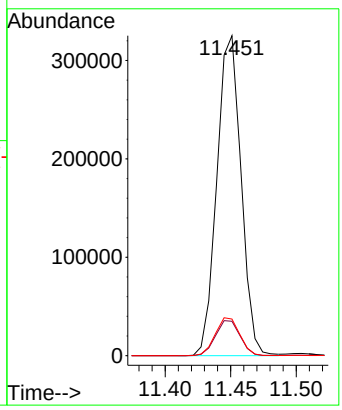


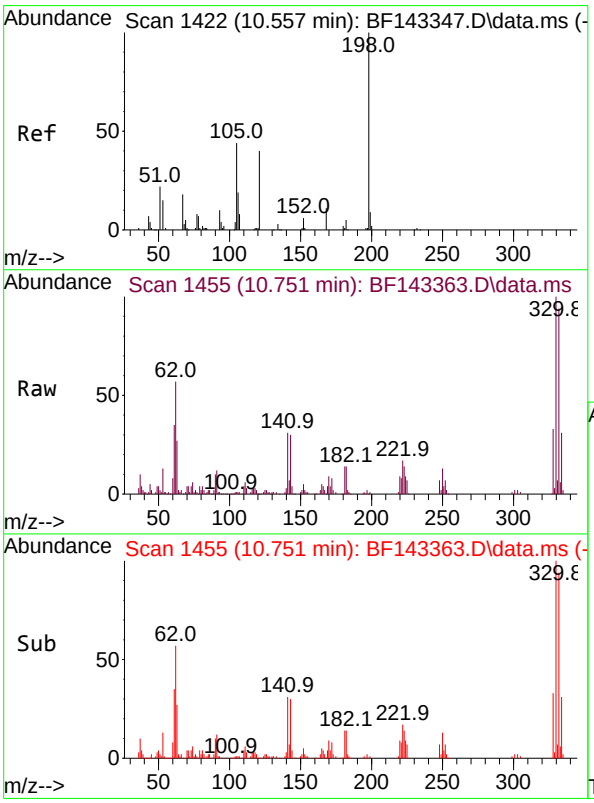
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:188 Resp: 417526

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.8	13.2
80	11.5	9.7	14.5

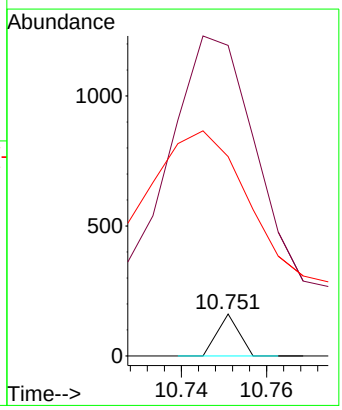


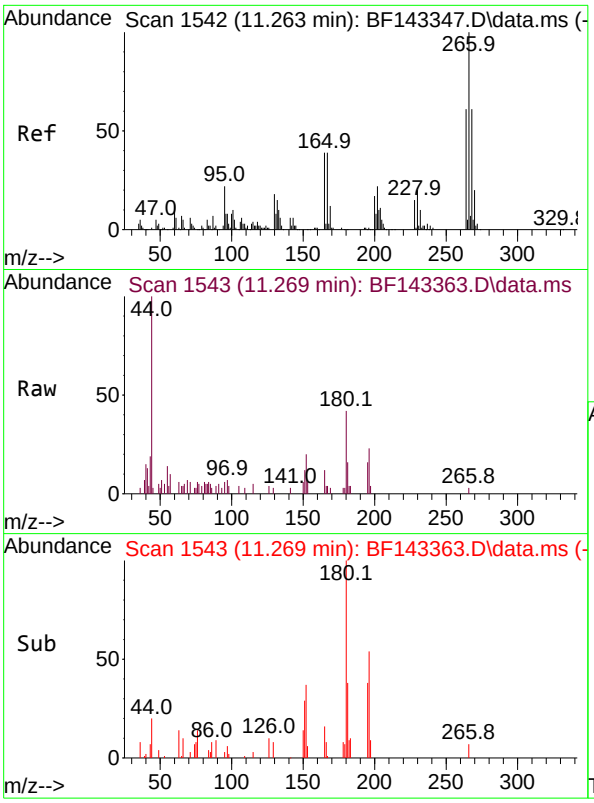


#65
4,6-Dinitro-2-methylphenol
Concen: 7.290 ng
RT: 10.751 min Scan# 1455
Delta R.T. 0.194 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:198 Resp: 57

Ion	Ratio	Lower	Upper
198	100		
51	742.2	41.7	81.7#
105	476.4	26.8	66.8#



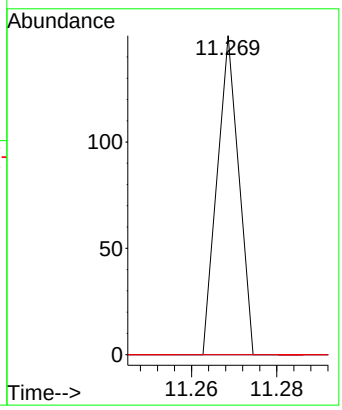


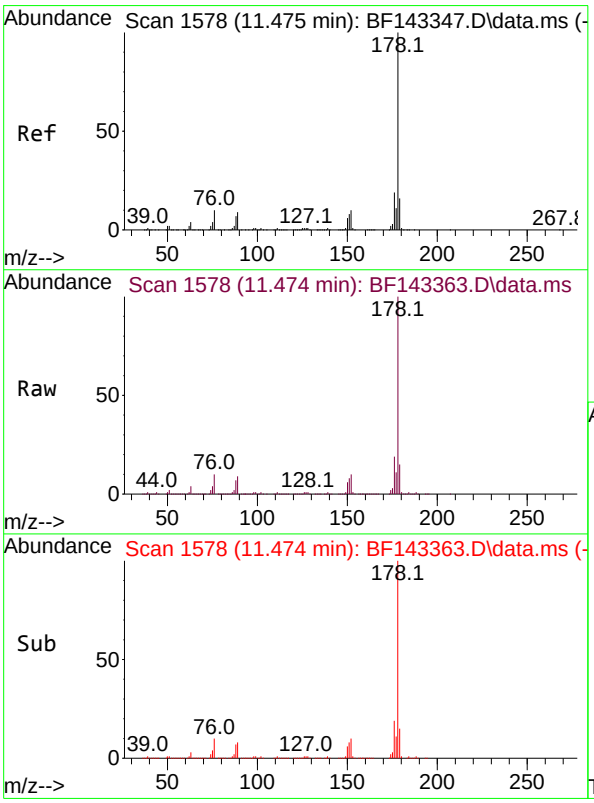
#70
Pentachlorophenol
Concen: 5.941 ng
RT: 11.269 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
268	0.0	48.8	73.2#
264	0.0	48.8	73.2#

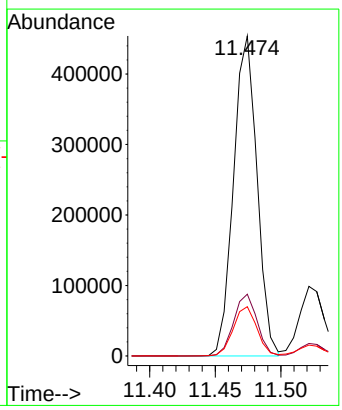


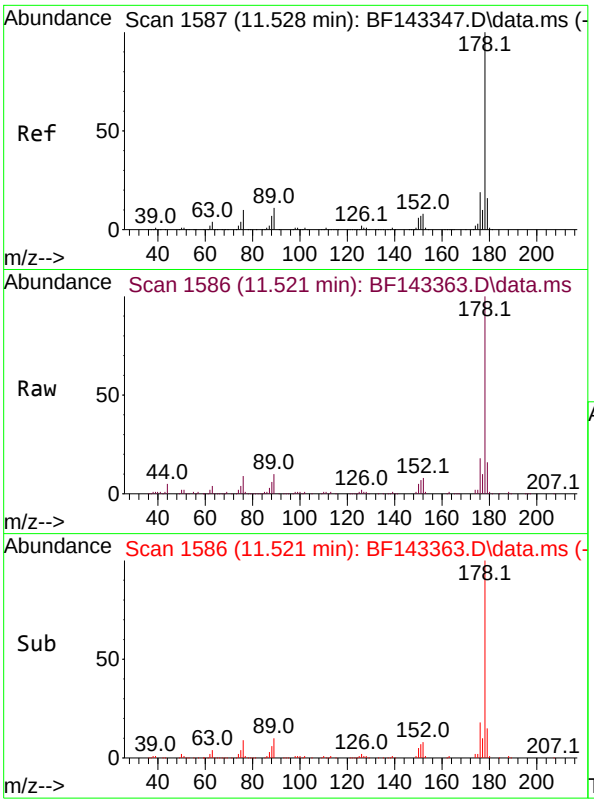


#71
Phenanthrene
Concen: 24.862 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:178 Resp: 566360

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.5	18.7



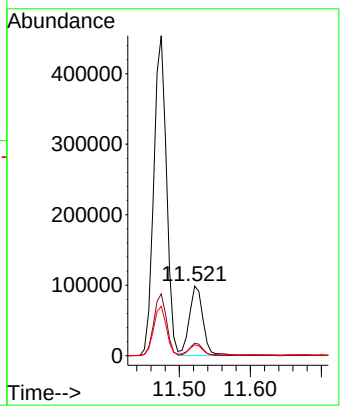


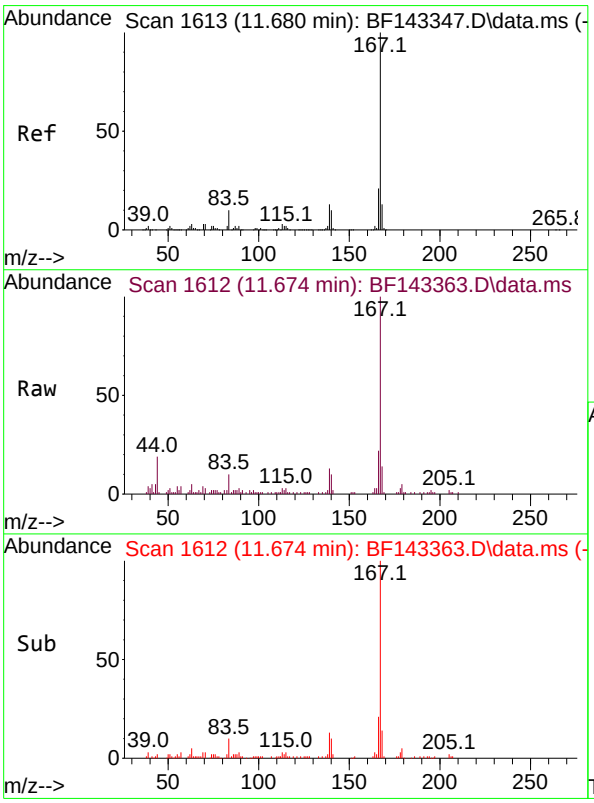
#72
Anthracene
Concen: 5.743 ng
RT: 11.521 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:178 Resp: 132678

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	15.5	12.7	19.1

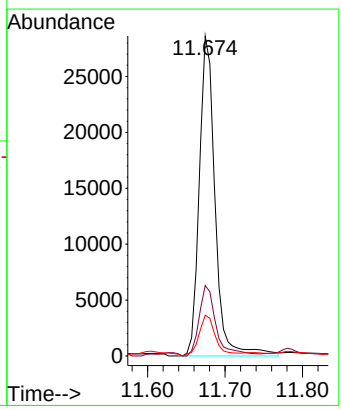


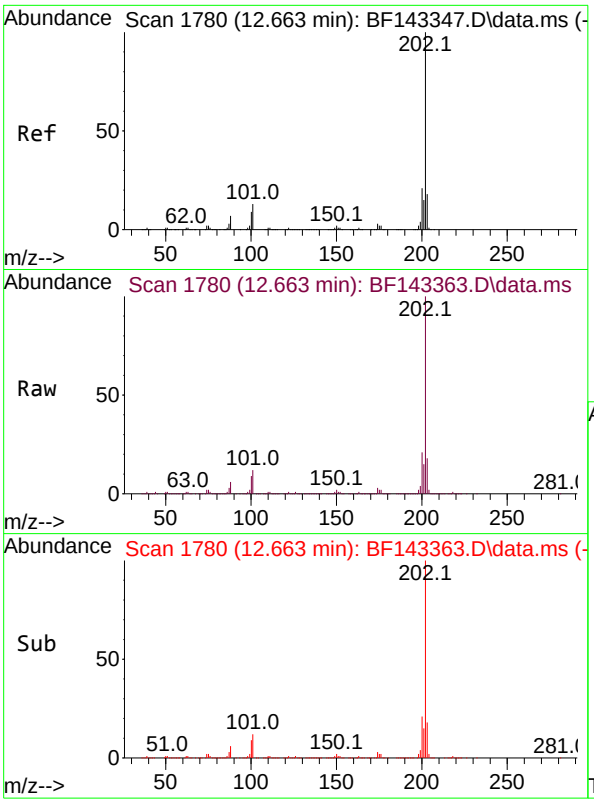


#73
Carbazole
Concen: 2.059 ng
RT: 11.674 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:167 Resp: 40517

Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.8	25.2
139	12.8	10.2	15.2



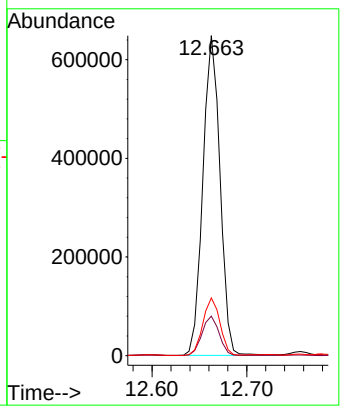


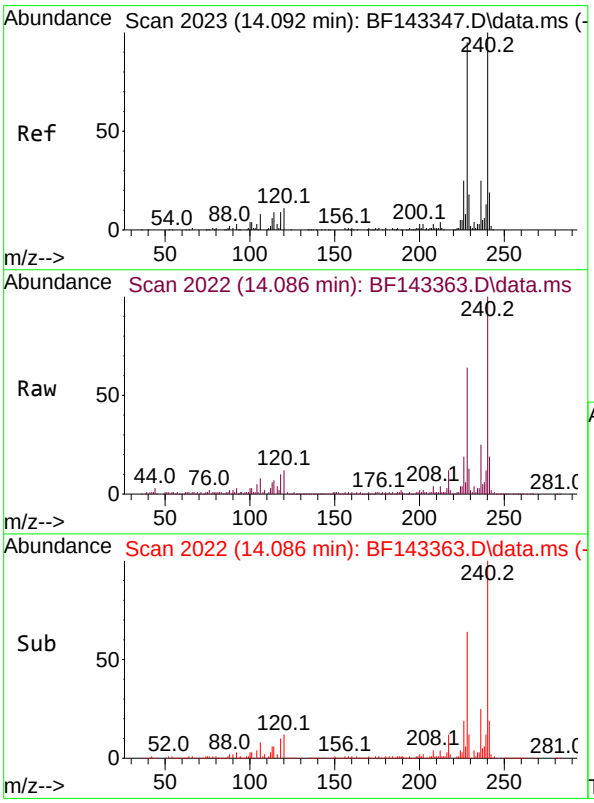
#75
Fluoranthene
Concen: 40.868 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:202 Resp: 815490

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	18.1	0.0	37.6

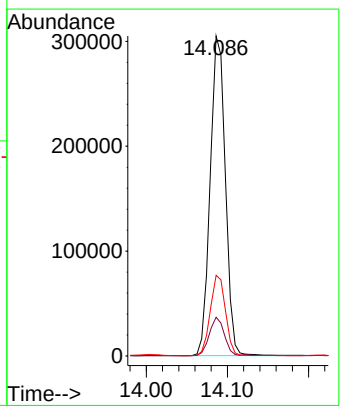


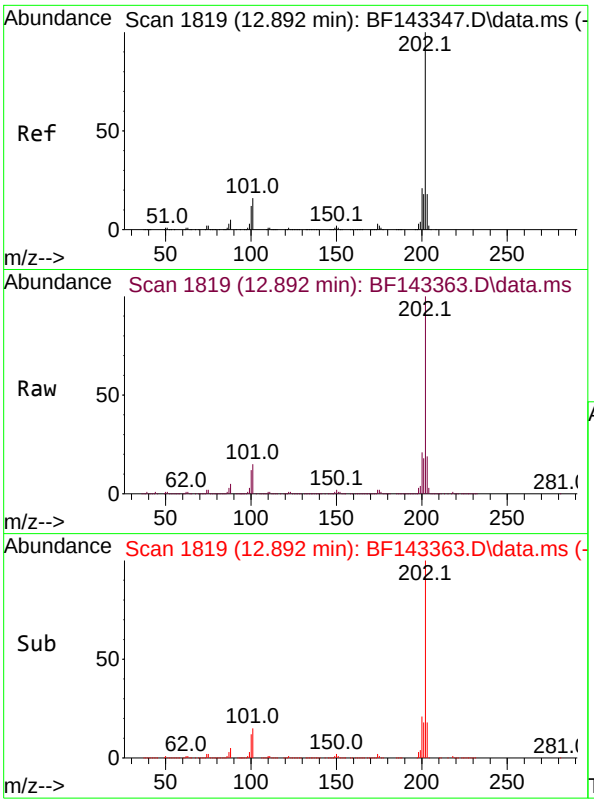


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:240 Resp: 395967

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.0	13.6
236	25.2	19.9	29.9



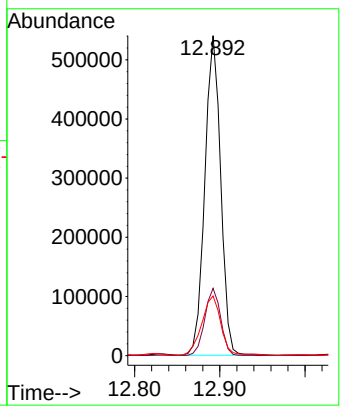


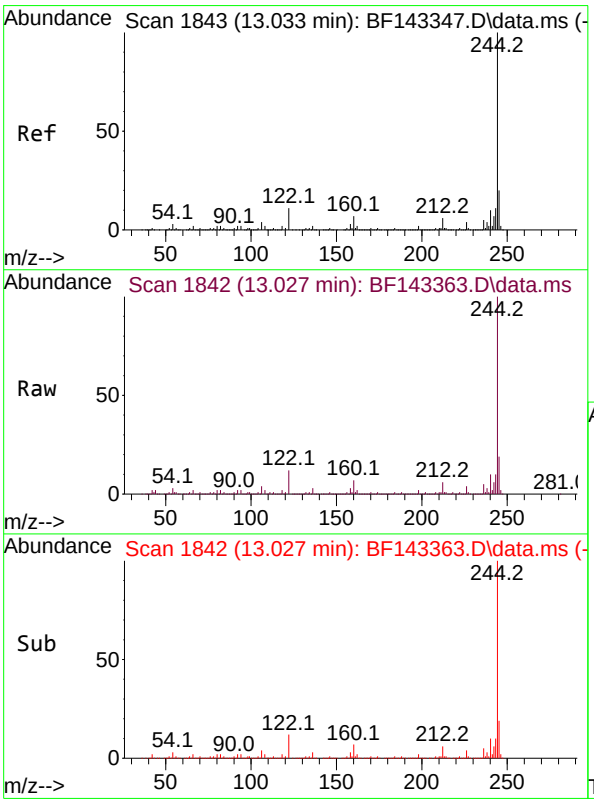
#78
Pyrene
Concen: 20.954 ng
RT: 12.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:202 Resp: 696045

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.6	14.2	21.4

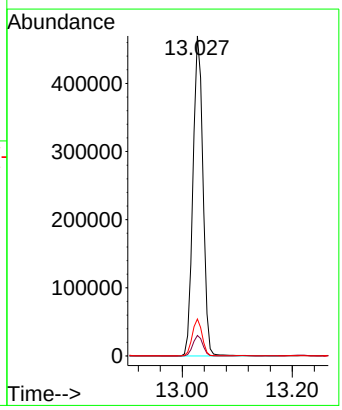


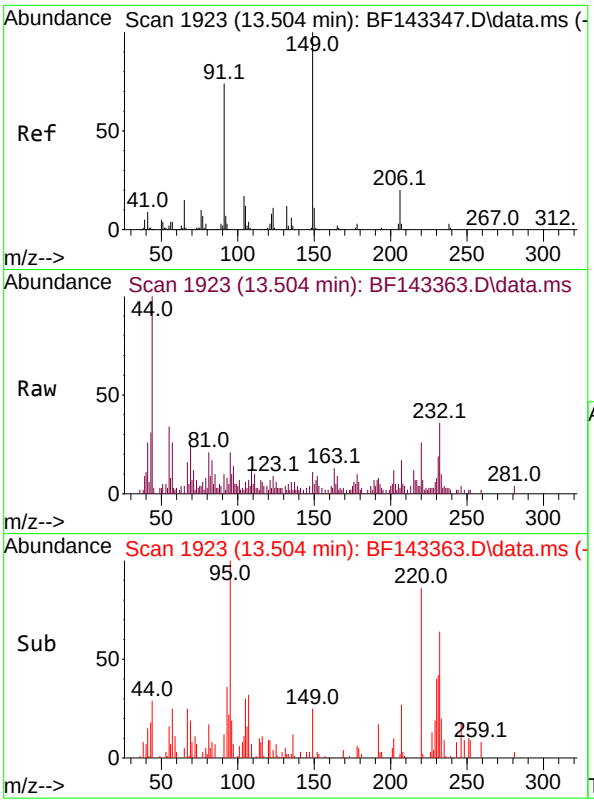


#79
Terphenyl-d14
Concen: 26.669 ng
RT: 13.027 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:244 Resp: 591498

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	11.6	8.9	13.3



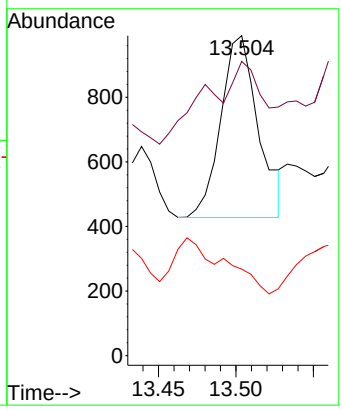


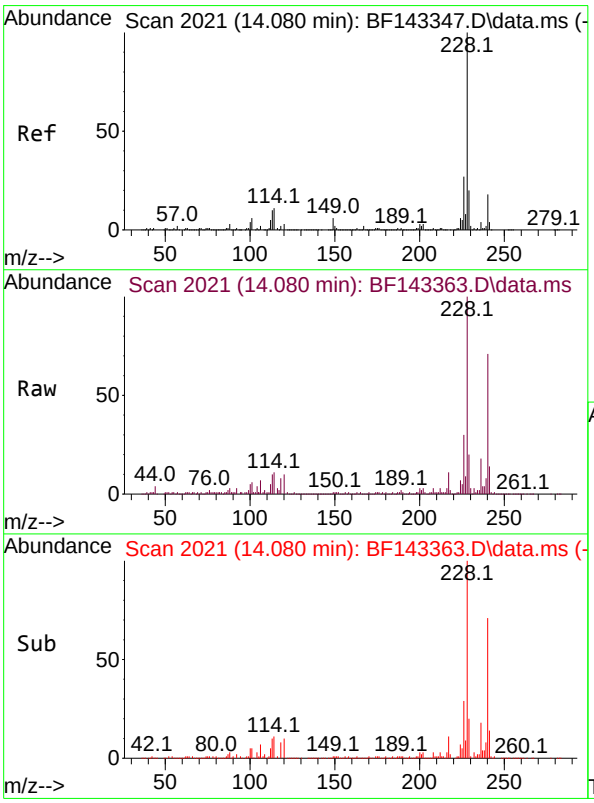
#80
Butylbenzylphthalate
Concen: 3.485 ng
RT: 13.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:149 Resp: 946

Ion	Ratio	Lower	Upper
149	100		
91	91.9	58.8	88.2#
206	27.0	16.4	24.6#

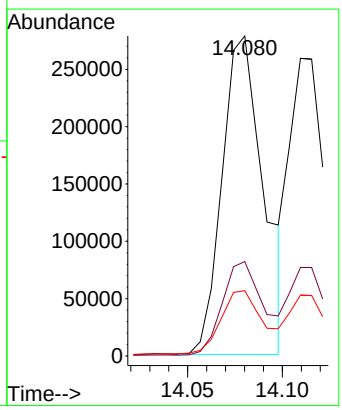


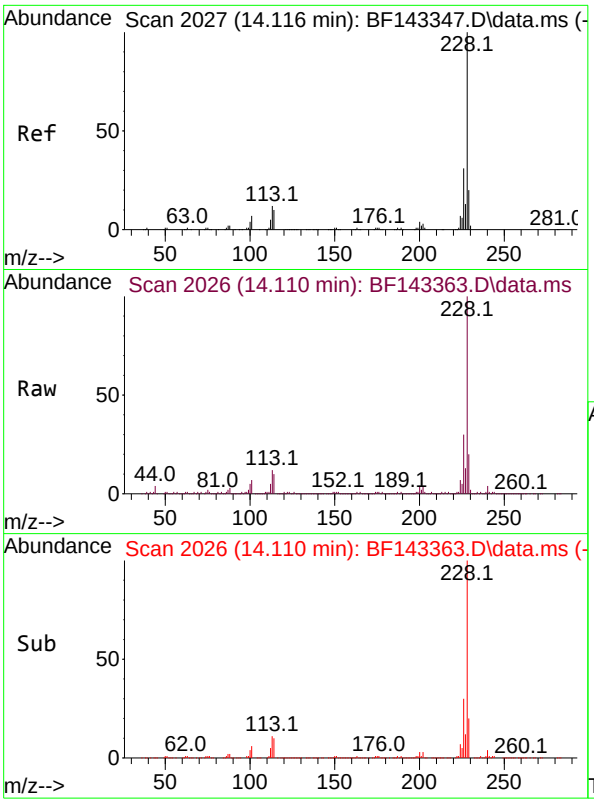


#81
Benzo(a)anthracene
Concen: 16.749 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:228 Resp: 421522

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.0	33.0
229	20.4	15.8	23.8



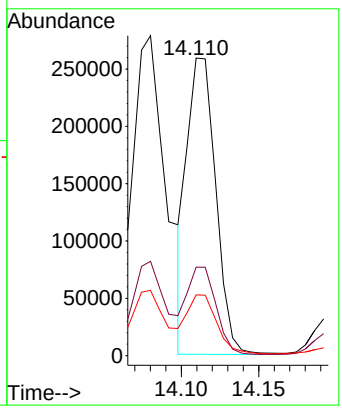


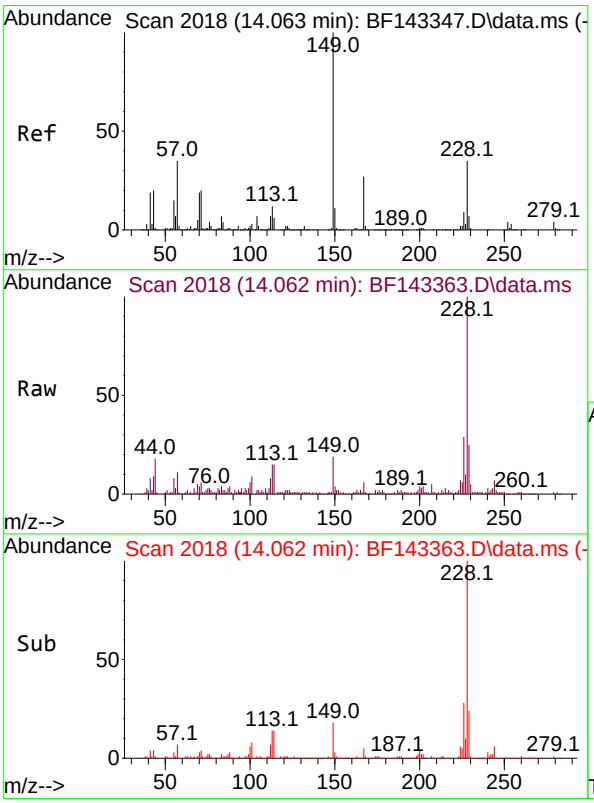
#83
Chrysene
Concen: 14.230 ng
RT: 14.110 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:228 Resp: 333948

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	20.4	15.8	23.6

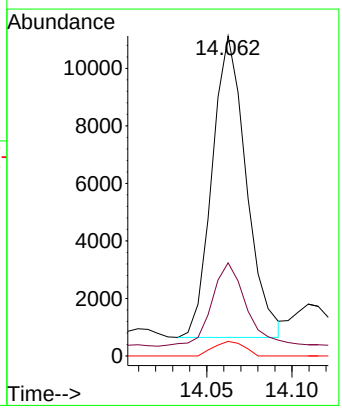


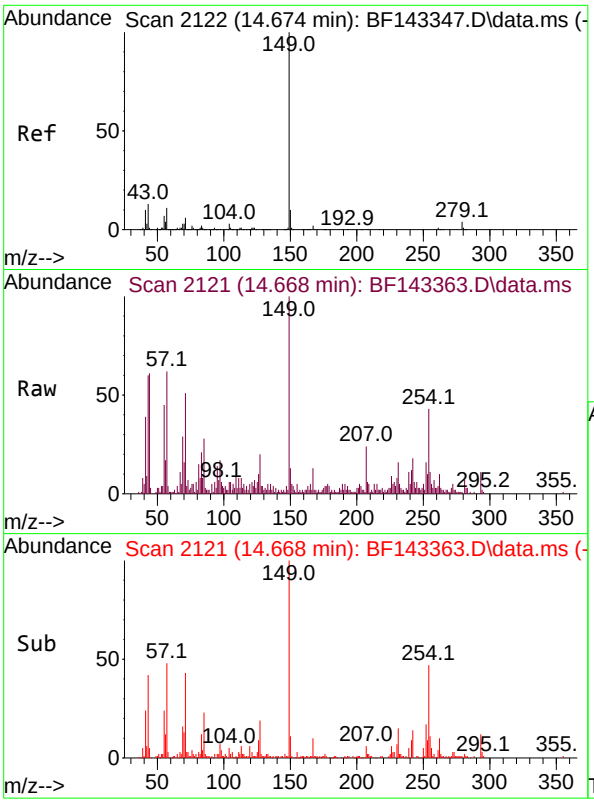


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.377 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.001 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:149 Resp: 14613

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.4	32.0
279	4.6	3.2	4.8



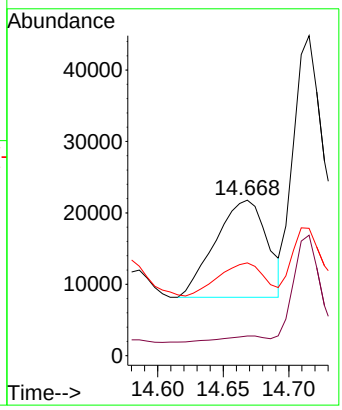


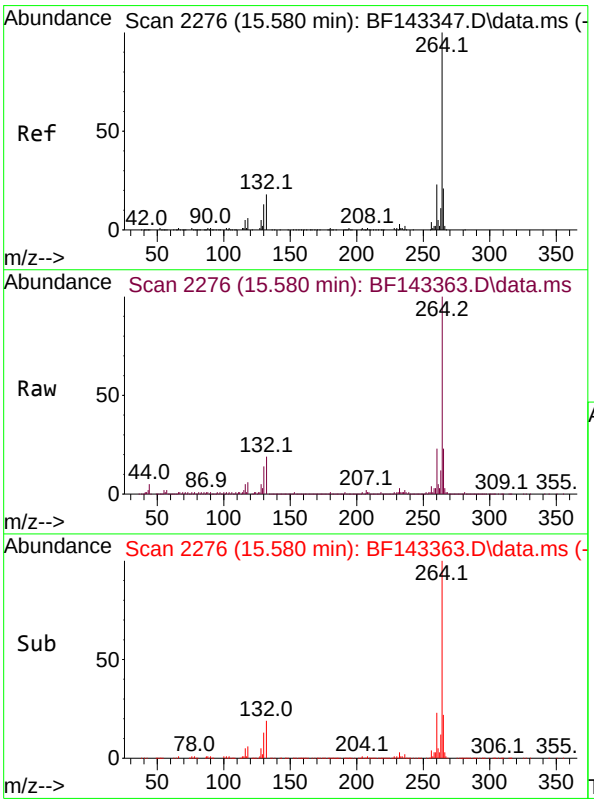
#85
Di-n-octyl phthalate
Concen: 7.725 ng
RT: 14.668 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:149 Resp: 37383

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	29.8	10.8	16.2#

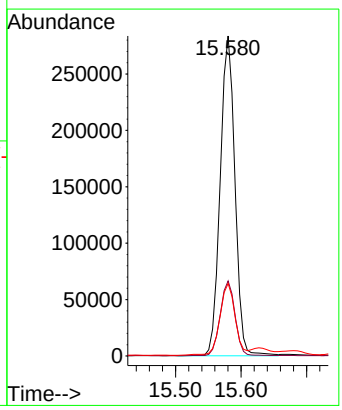


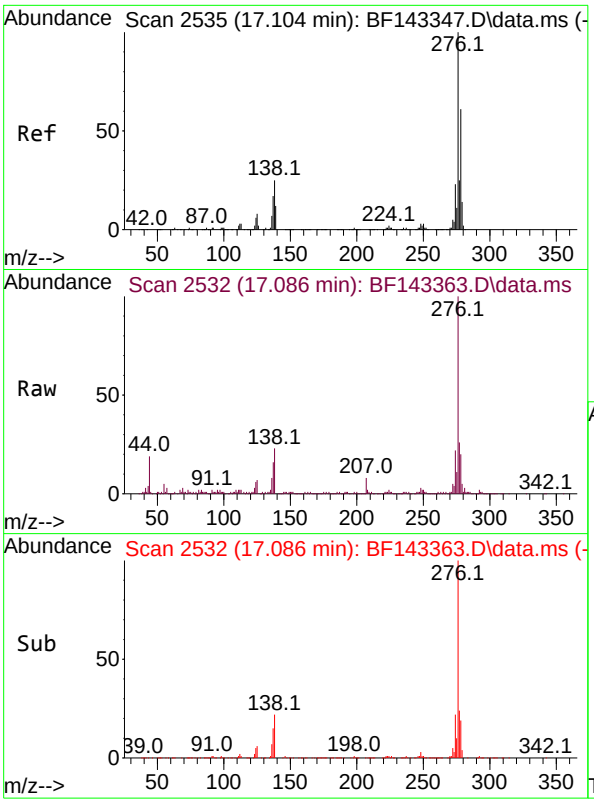


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:264 Resp: 441728

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.6	17.2	25.8



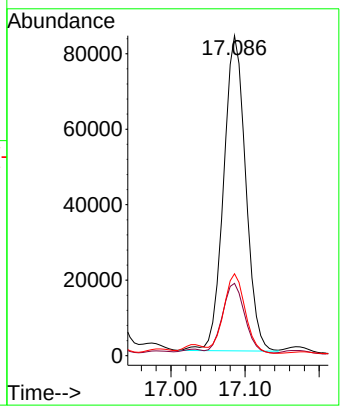


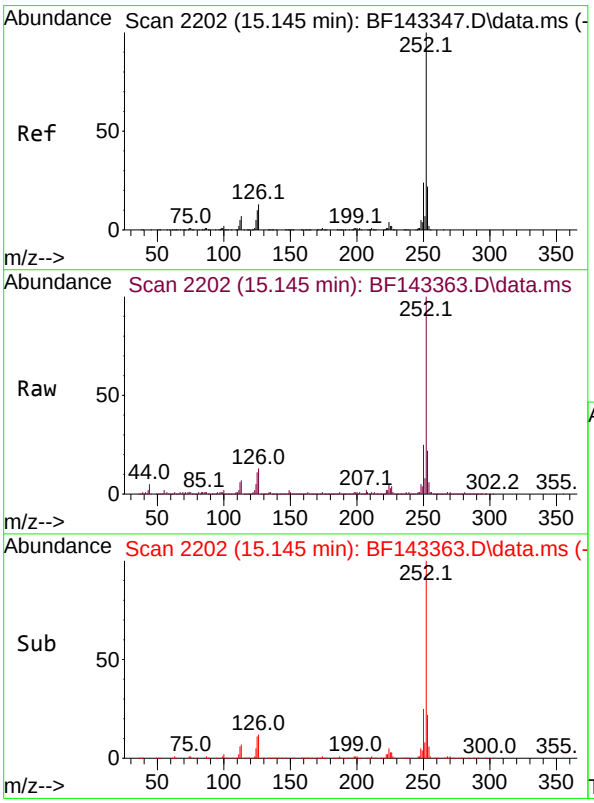
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.450 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:276 Resp: 172472

Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.1	31.7
277	25.1	20.2	30.2

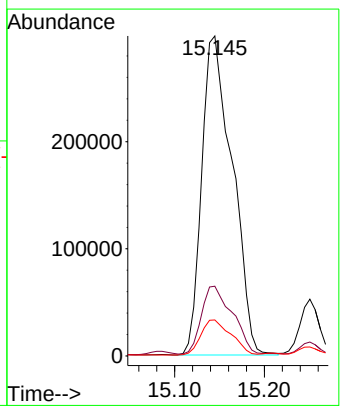


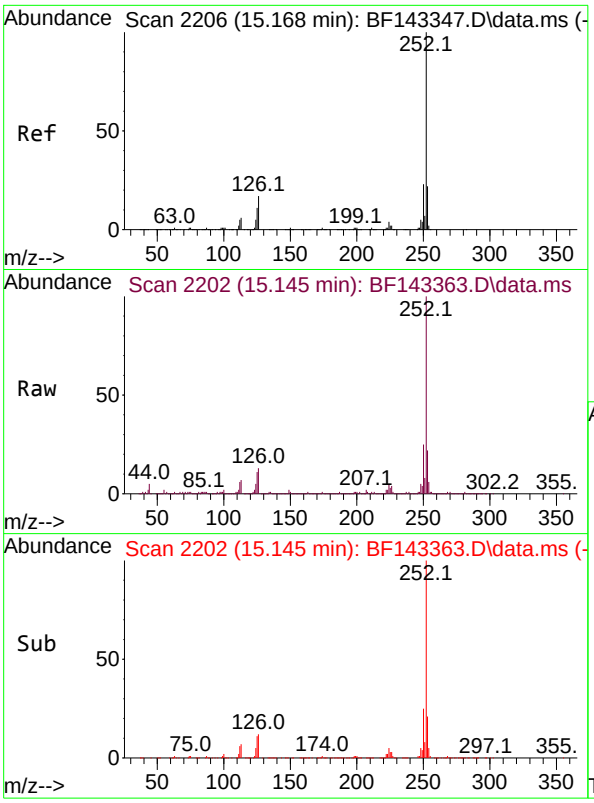


#88
Benzo(b)fluoranthene
Concen: 29.224 ng
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:252 Resp: 706067

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	11.2	7.8	11.6



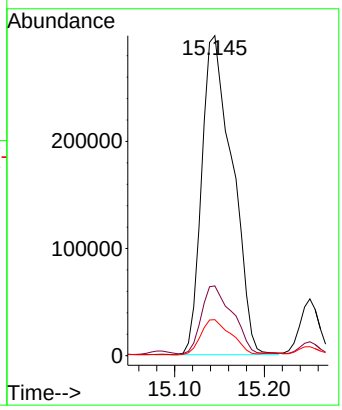


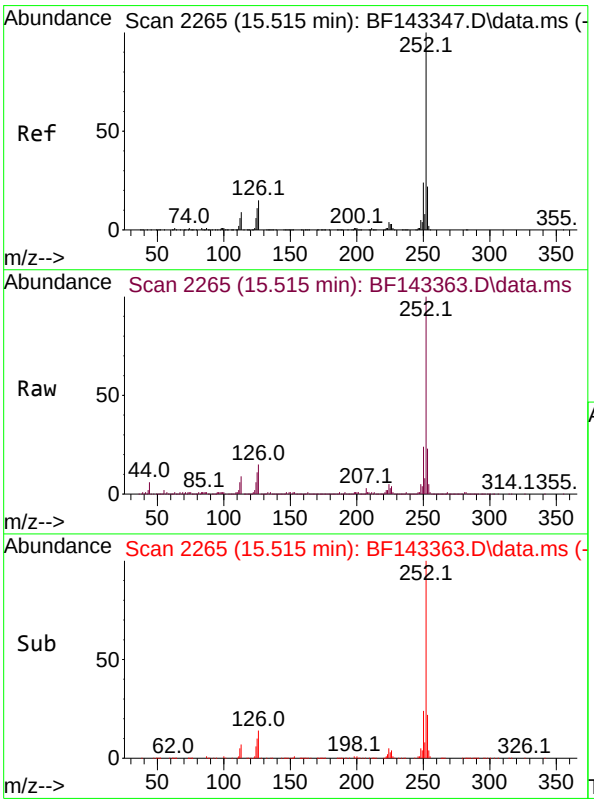
#89
Benzo(k)fluoranthene
Concen: 30.075 ng
RT: 15.145 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:252 Resp: 706067

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.2	8.4	12.6

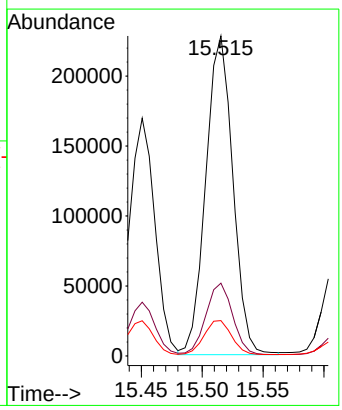


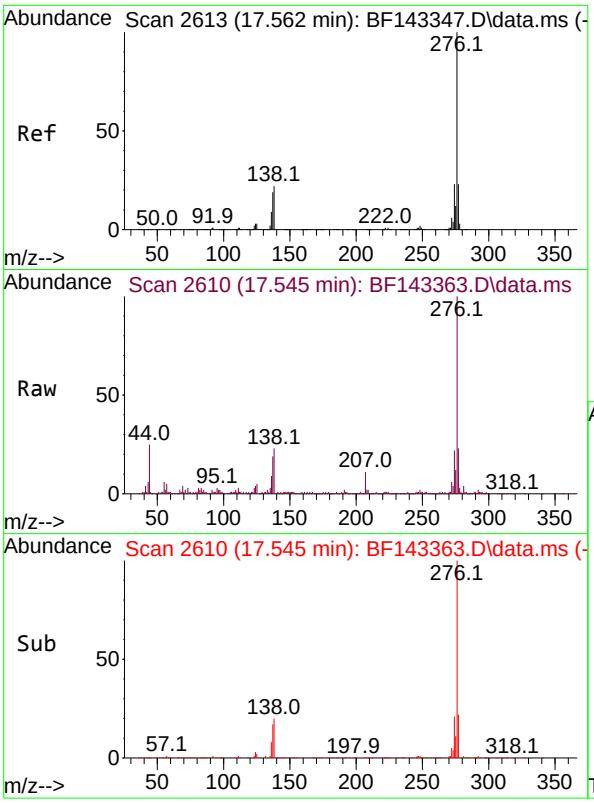


#90
Benzo(a)pyrene
Concen: 15.479 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Tgt Ion:252 Resp: 352233

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.1	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 5.829 ng
RT: 17.545 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143363.D
Acq: 12 Aug 2025 20:02

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:276 Resp: 148469

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	22.7	17.8	26.8