Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Quant Time: Sep 11 16:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	33815	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	127079	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	64893	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	89343	20.000	ng		0.00
76) Chrysene-d12	14.057	240	88018	20.000	ng		0.01
86) Perylene-d12	15.539	264	68151	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	130380	65.784	ng		0.00
7) Phenol-d6	6.504	99	159510	66.098	ng		0.00
23) Nitrobenzene-d5	7.451	82	96791	47.376	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	36290	55.491	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	197459	45.966	ng		0.00
79) Terphenyl-d14	13.004	244	160974	29.637	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	13520	9.122	ng	#	76
25) Isophorone	7.451	82	96663	24.674	ng	#	64
51) 2,6-Dinitrotoluene	9.928	165	8814	10.918	ng	#	27
57) 2,4-Dinitrotoluene	9.928	165	8814	8.022	ng	#	27
67) 4-Bromophenyl-phenylether	10.716	248	2556	2.372	ng	#	1
75) Fluoranthene	12.633	202	24613	5.446	ng		99
78) Pyrene	12.863	202	30679	4.359	ng		97
81) Benzo(a)anthracene	14.045	228	17389	3.071	ng	#	84
83) Chrysene	14.080	228	19545	3.769	ng	#	91
88) Benzo(b)fluoranthene	15.104	252	25292	6.234	ng	#	96
89) Benzo(k)fluoranthene	15.104	252	25292	6.908	ng	#	95
90) Benzo(a)pyrene	15.474	252	12472	3.499	ng	#	94

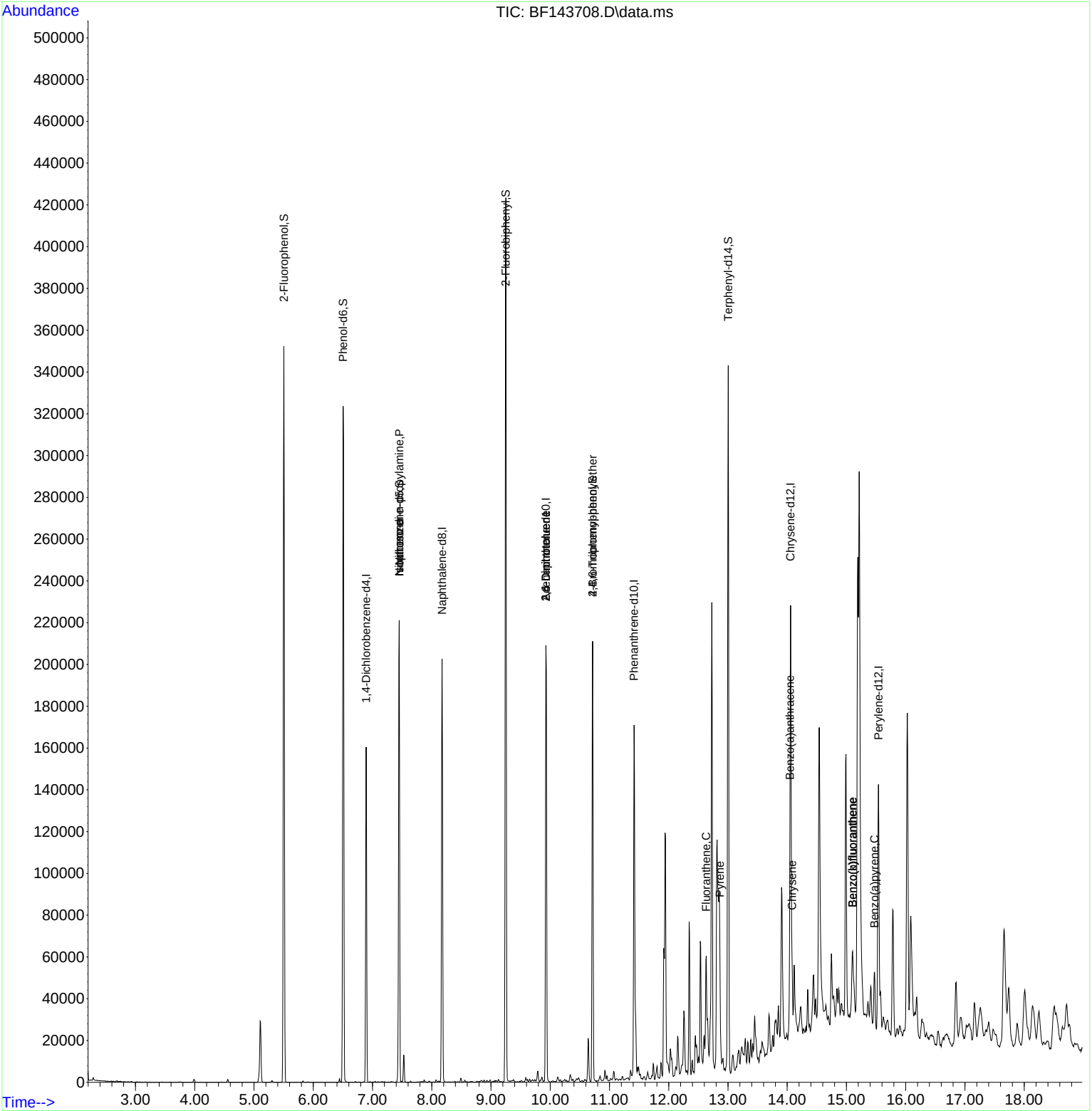
(#) = qualifier out of range (m) = manual integration (+) = signals summed

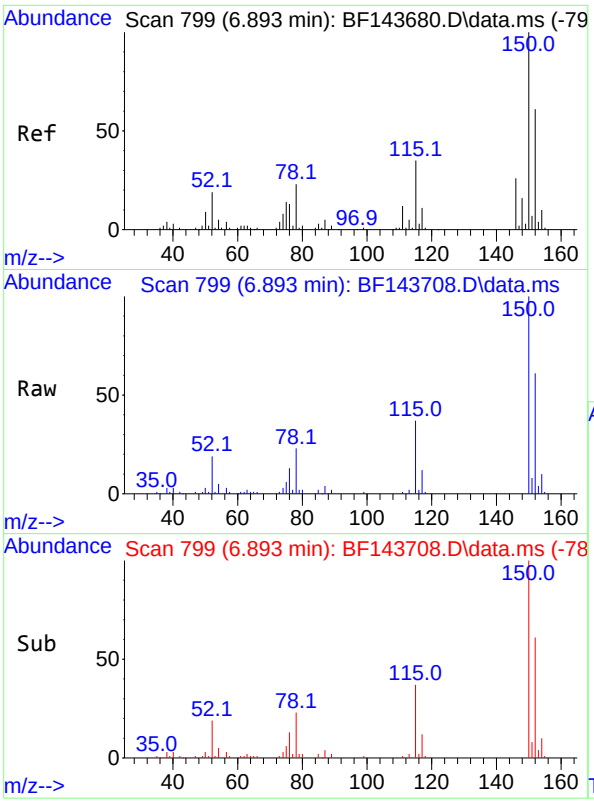
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143708.D
Acq On : 11 Sep 2025 16:01
Operator : RC/JU
Sample : Q3065-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Quant Time: Sep 11 16:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



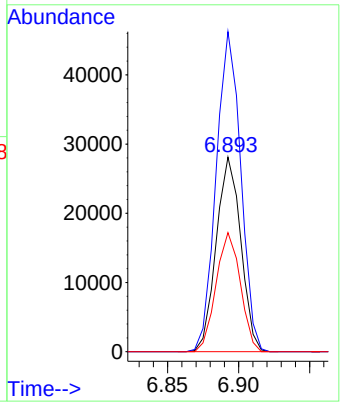


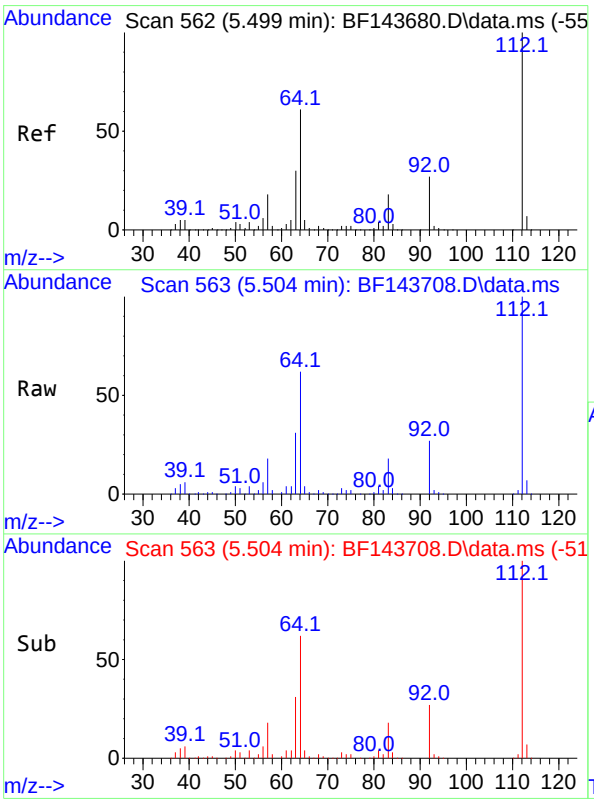
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:152 Resp: 33815

Ion	Ratio	Lower	Upper
152	100		
150	164.5	130.7	196.1
115	61.2	45.9	68.9

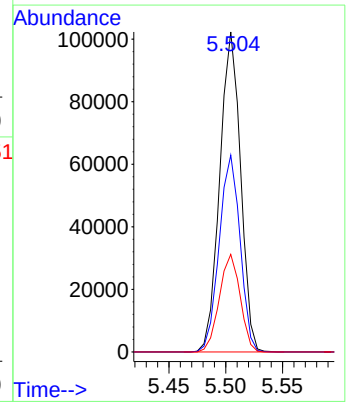


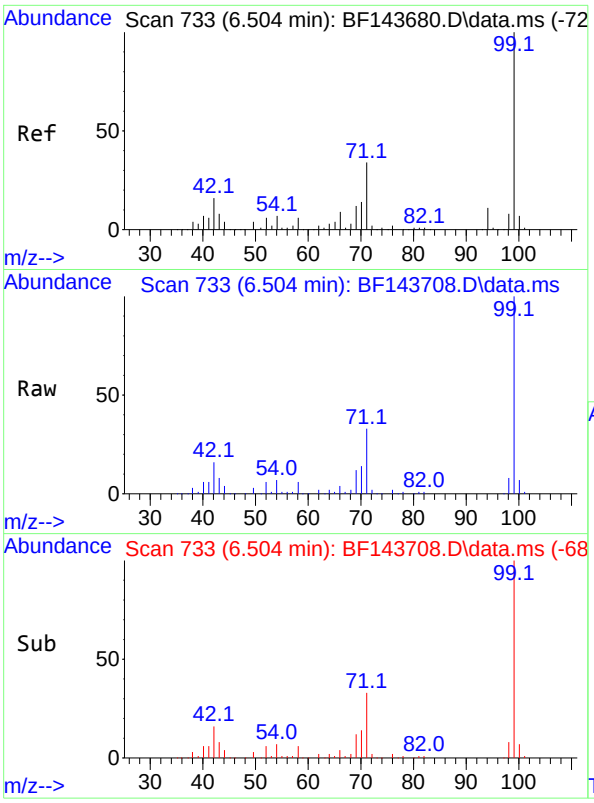


#5
2-Fluorophenol
Concen: 65.784 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:112 Resp: 130380

Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.0	73.4
63	30.5	24.3	36.5



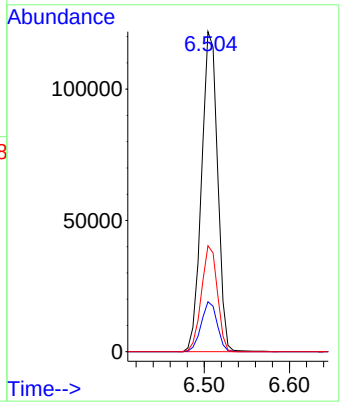


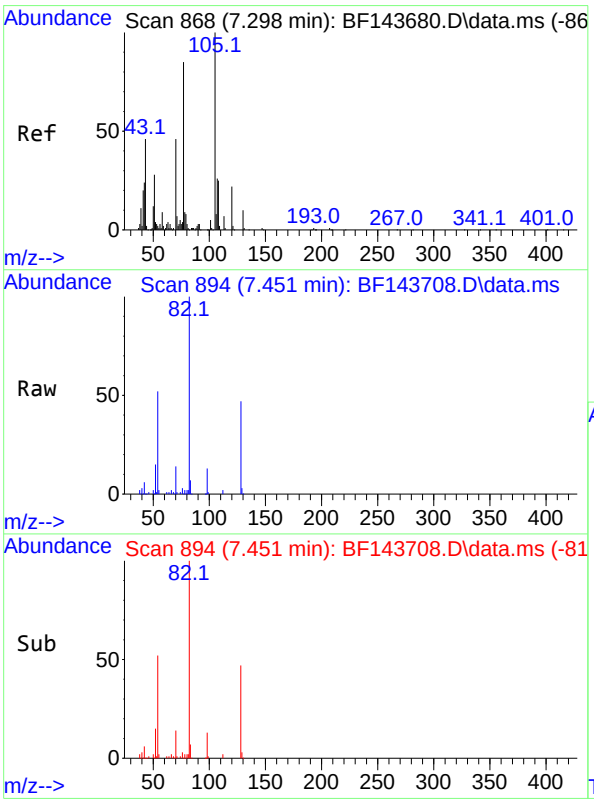
#7
Phenol-d6
Concen: 66.098 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion: 99 Resp: 159510

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	33.1	27.4	41.2

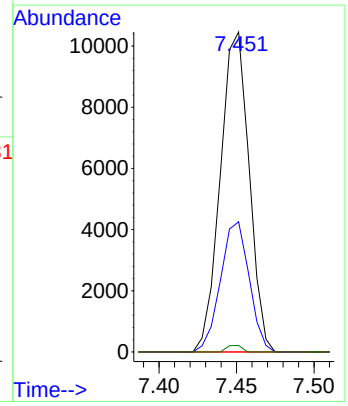


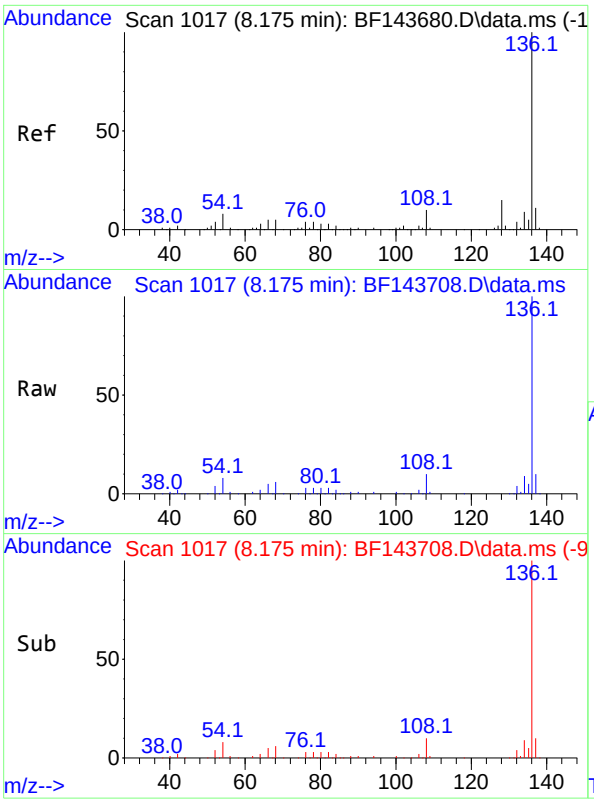


#19
n-Nitroso-di-n-propylamine
Concen: 9.122 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.153 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion: 70 Resp: 13520

Ion	Ratio	Lower	Upper
70	100		
42	40.7	41.4	62.2#
101	0.0	8.1	12.1#
130	2.0	17.3	25.9#



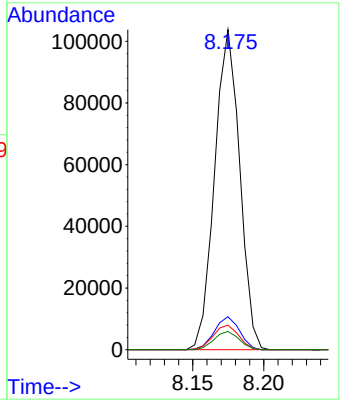


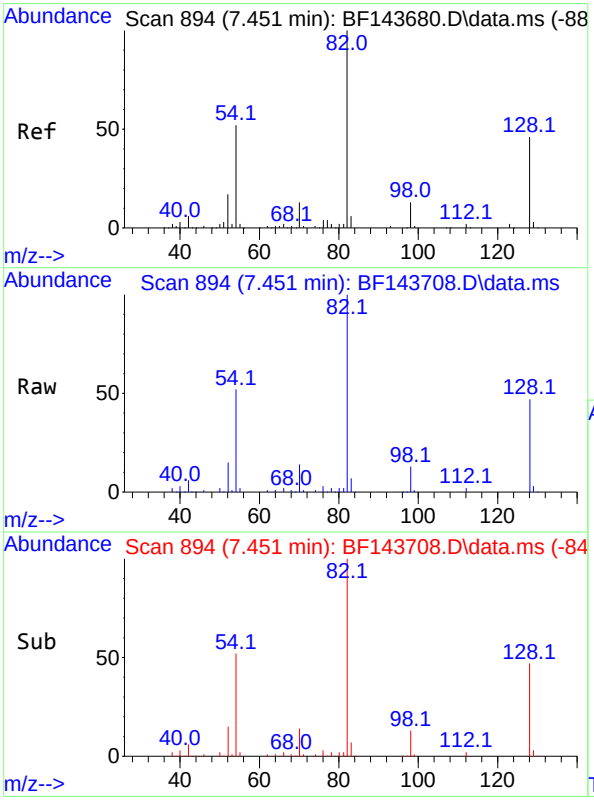
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:136 Resp: 127079

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	7.7	6.2	9.2
68	5.7	4.2	6.4

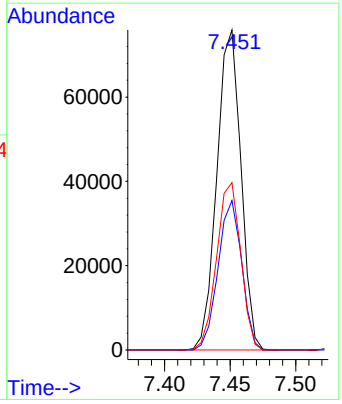


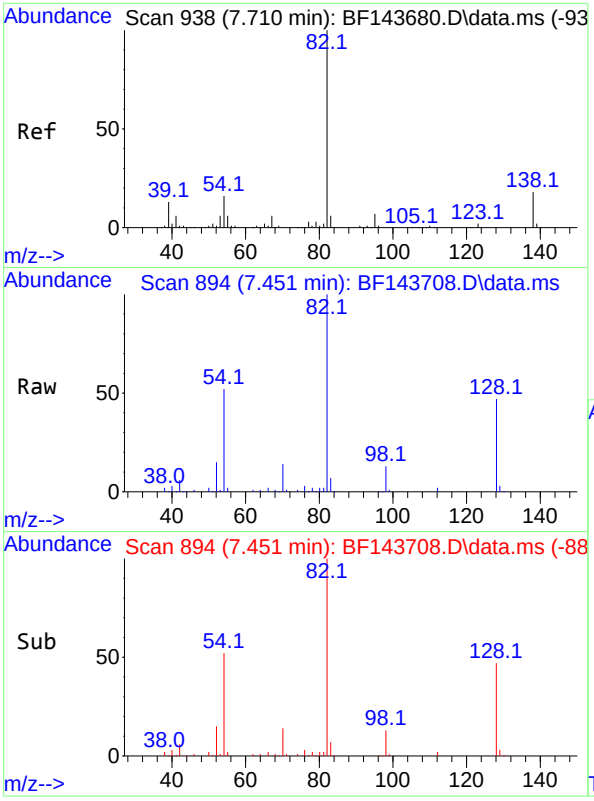


#23
Nitrobenzene-d5
Concen: 47.376 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion: 82 Resp: 96791

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.0	55.4
54	52.3	41.8	62.8



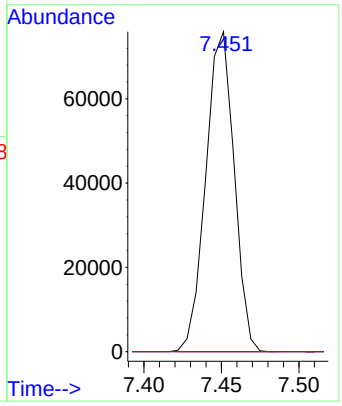


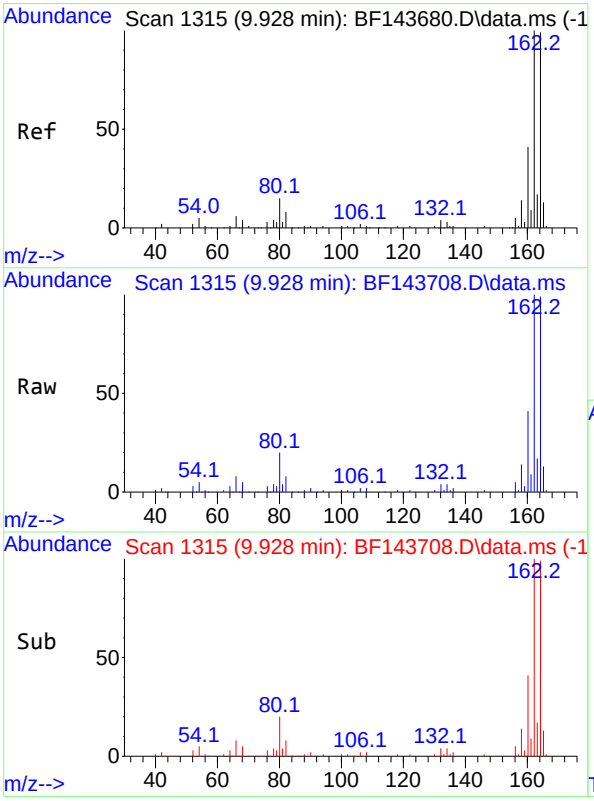
#25
Isophorone
Concen: 24.674 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.259 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion: 82 Resp: 96663

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.8	22.2#

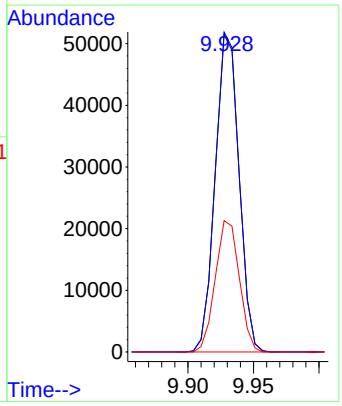


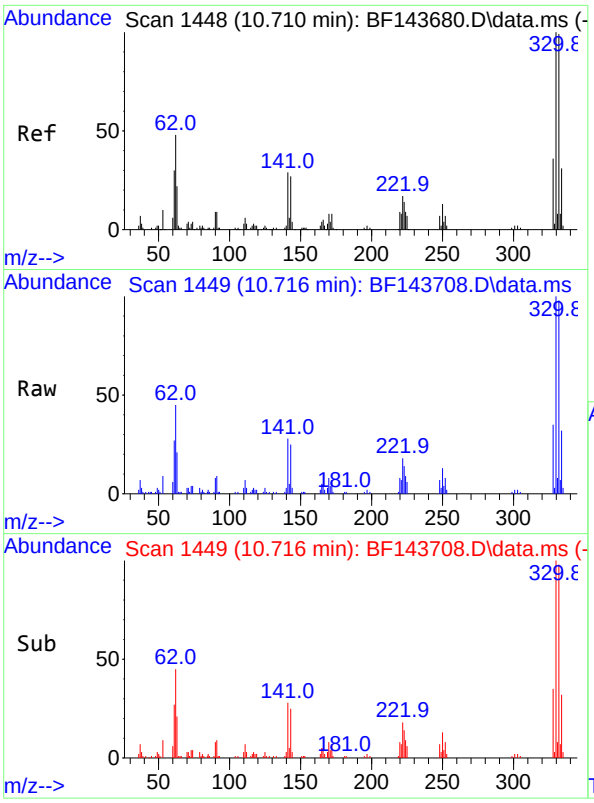


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:164 Resp: 64893

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	41.4	33.0	49.4



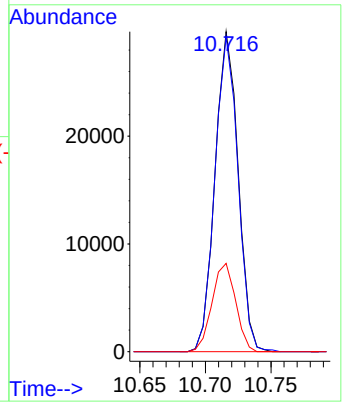


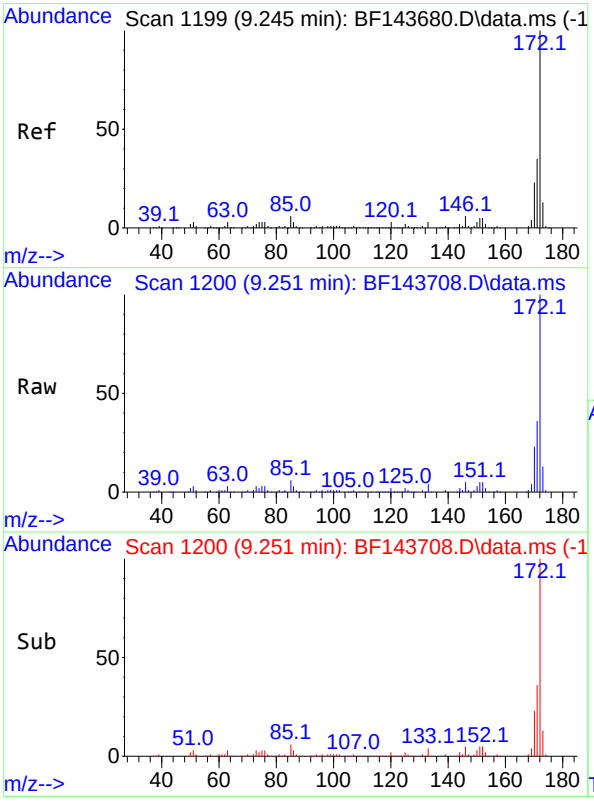
#42
2,4,6-Tribromophenol
Concen: 55.491 ng
RT: 10.716 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:330 Resp: 36290

Ion	Ratio	Lower	Upper
330	100		
332	98.4	79.2	118.8
141	28.3	22.2	33.4

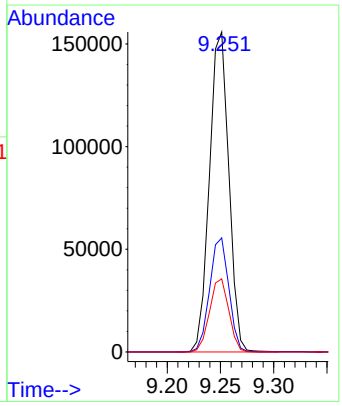


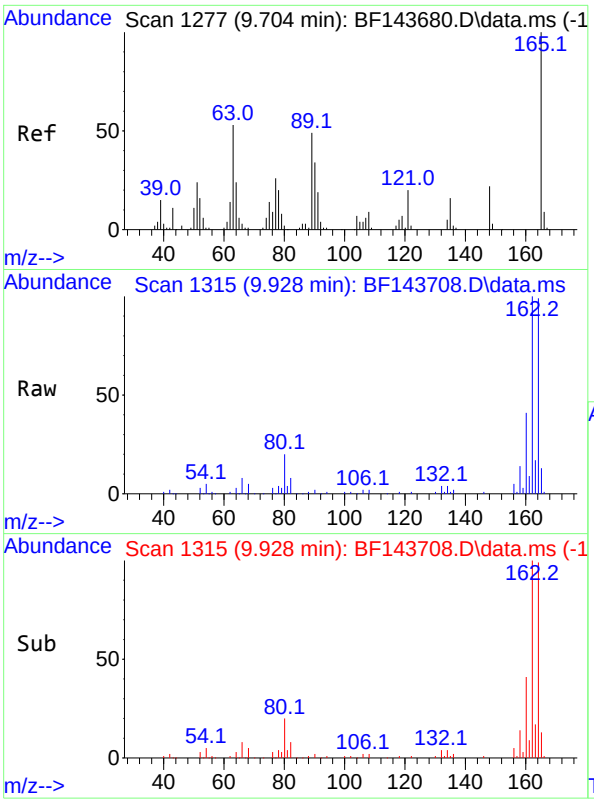


#45
2-Fluorobiphenyl
Concen: 45.966 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:172 Resp: 197459

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	22.9	18.6	27.8



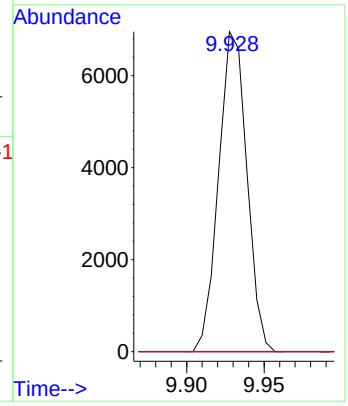


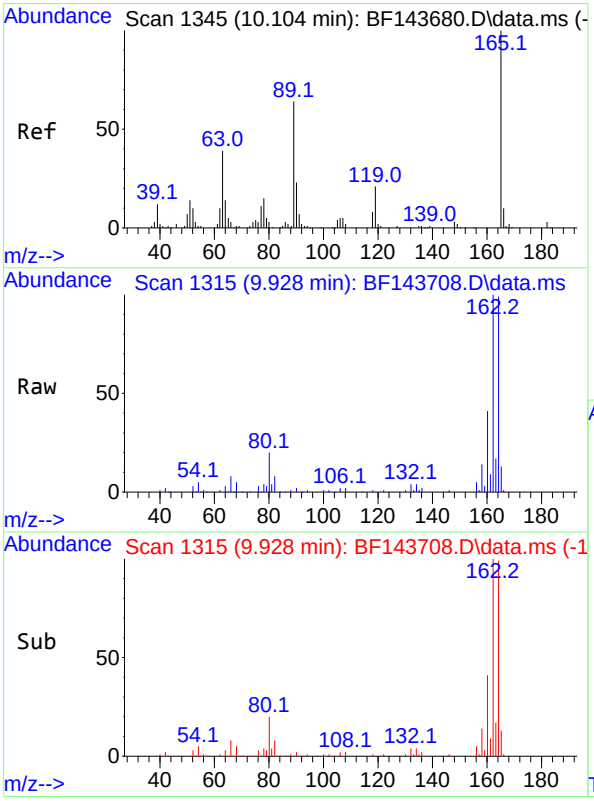
#51
2,6-Dinitrotoluene
Concen: 10.918 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.223 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:165 Resp: 8814

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	0.0	39.3	58.9#

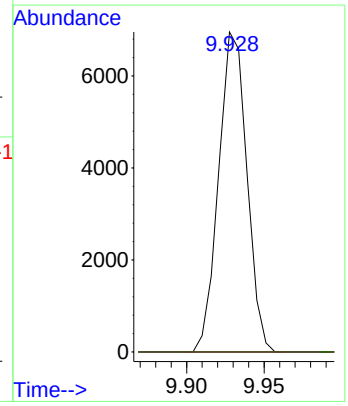


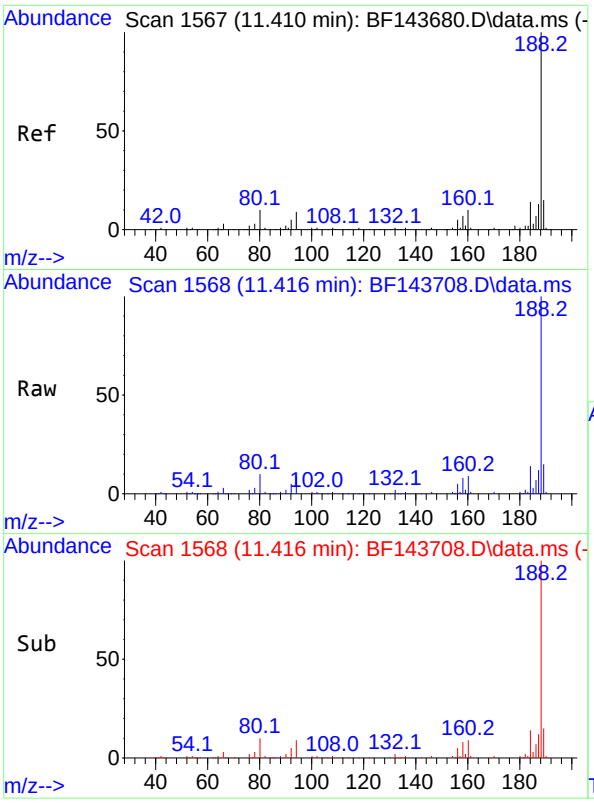


#57
2,4-Dinitrotoluene
Concen: 8.022 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.177 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:165 Resp: 8814

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.5	47.3#
89	0.0	51.3	76.9#
182	0.0	2.2	3.4#



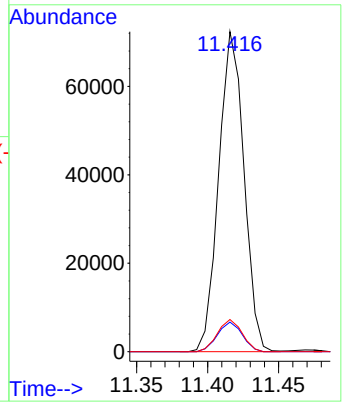


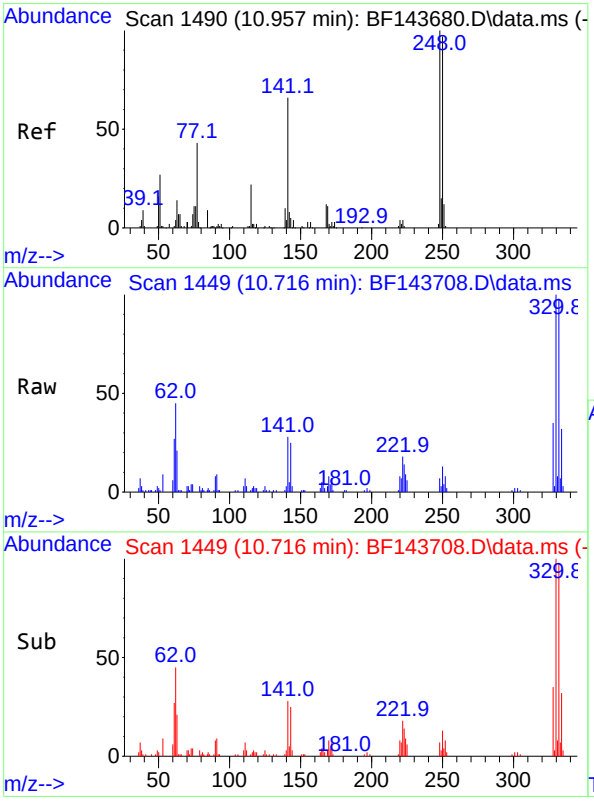
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:188 Resp: 89343

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	10.0	7.7	11.5

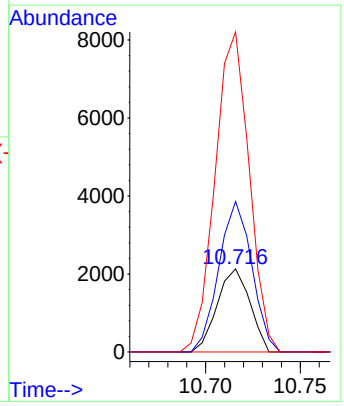


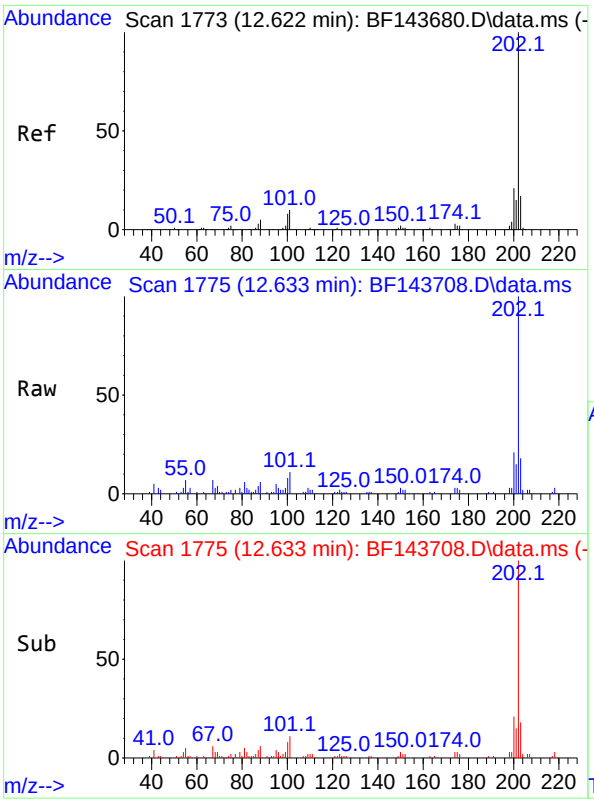


#67
4-Bromophenyl-phenylether
Concen: 2.372 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.241 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:248 Resp: 2556

Ion	Ratio	Lower	Upper
248	100		
250	181.4	77.5	116.3#
141	385.3	52.6	79.0#



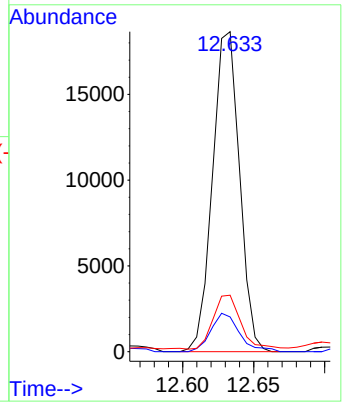


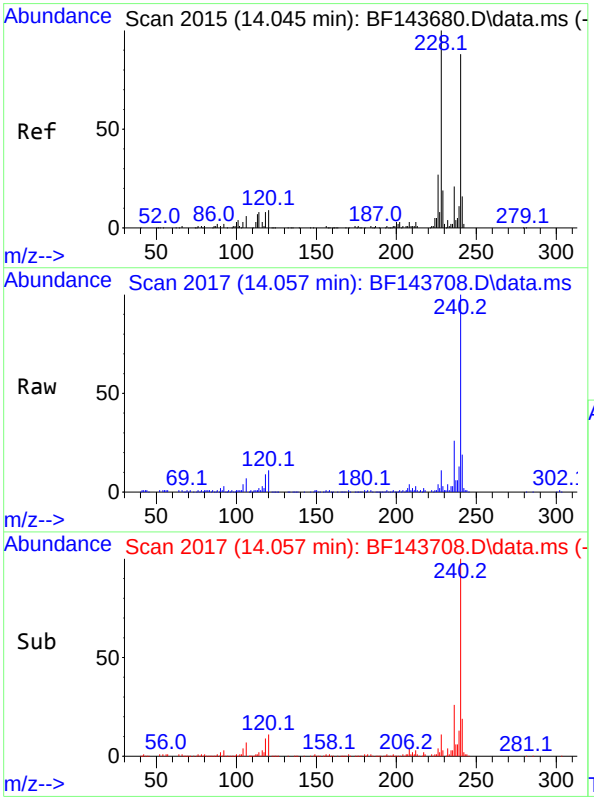
#75
Fluoranthene
Concen: 5.446 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:202 Resp: 24613

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.5
203	17.7	0.0	37.1

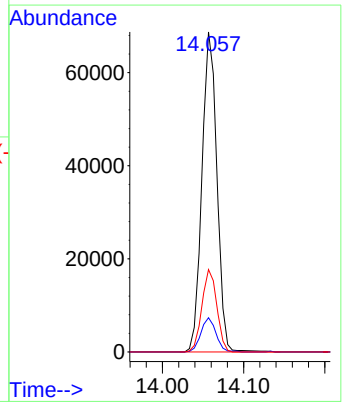


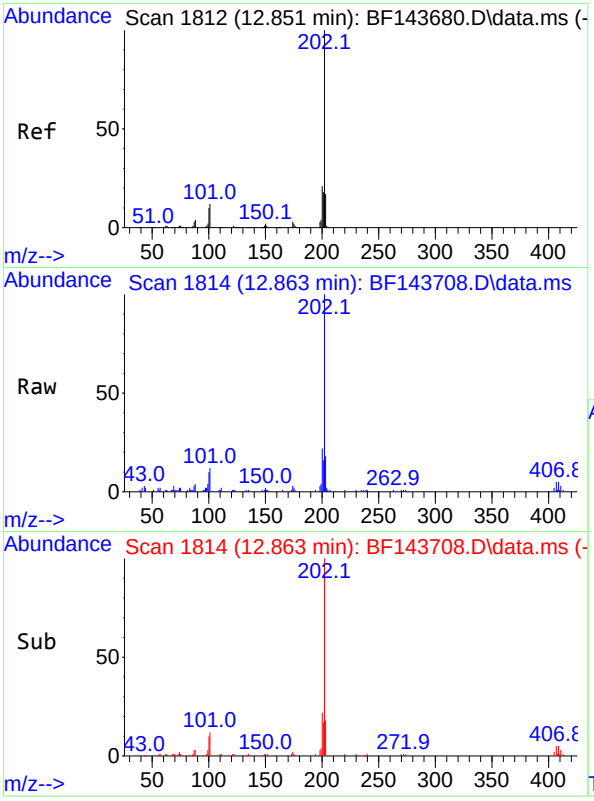


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:240 Resp: 88018

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	25.7	18.6	28.0



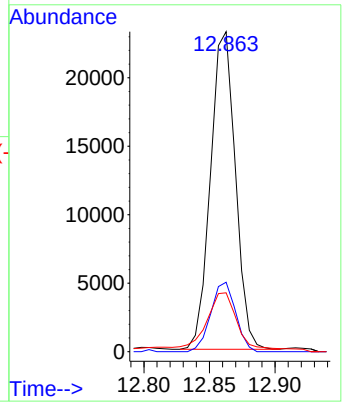


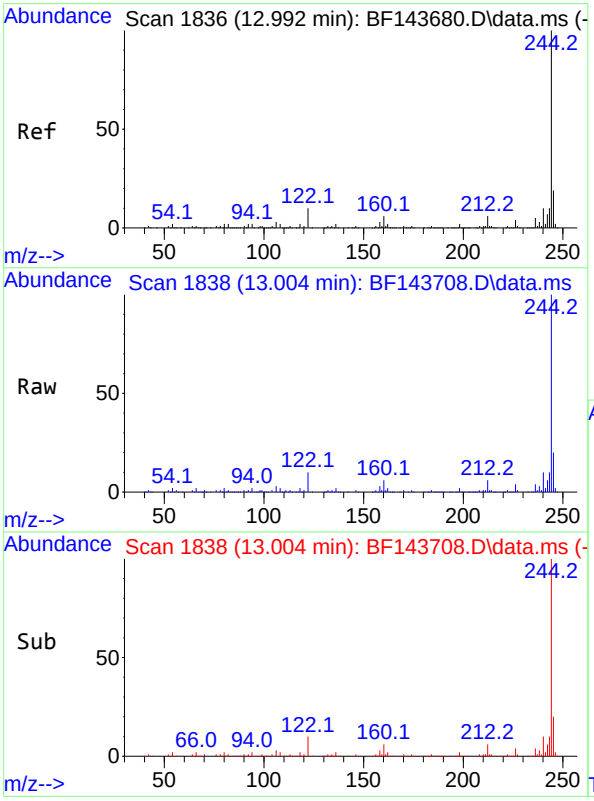
#78
Pyrene
Concen: 4.359 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:202 Resp: 30679

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	24.8
203	18.4	13.5	20.3

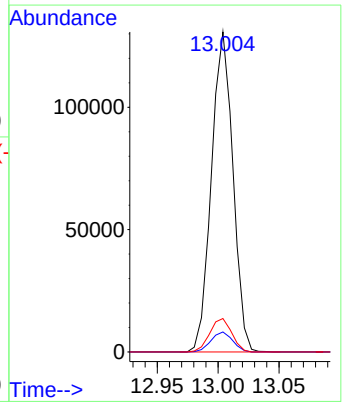


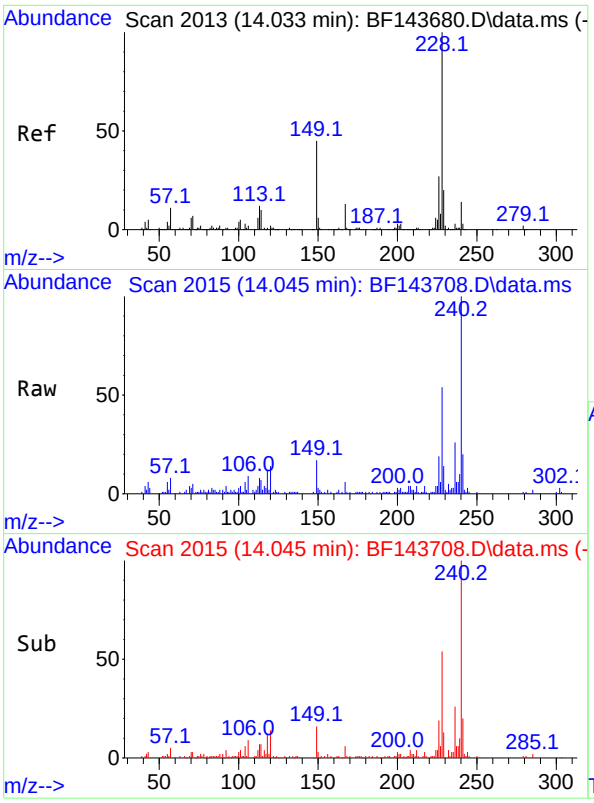


#79
Terphenyl-d14
Concen: 29.637 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.012 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:244 Resp: 160974

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.6
122	10.4	7.9	11.9



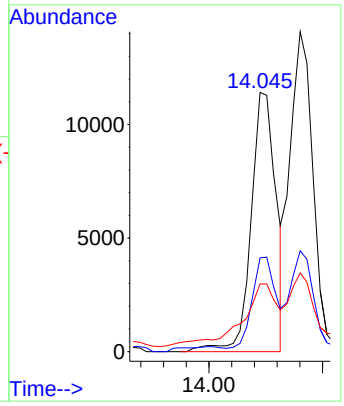


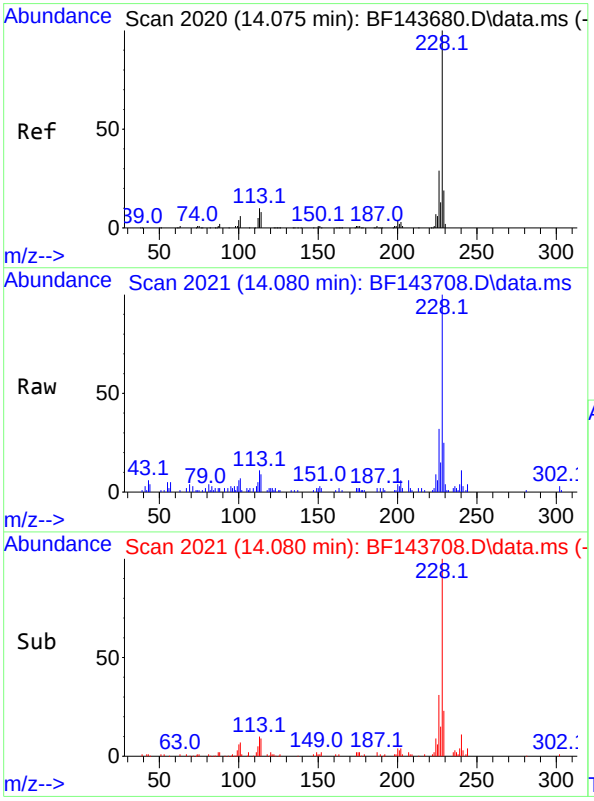
#81
Benzo(a)anthracene
Concen: 3.071 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:228 Resp: 17389

Ion	Ratio	Lower	Upper
228	100		
226	36.2	21.6	32.4#
229	26.1	15.7	23.5#

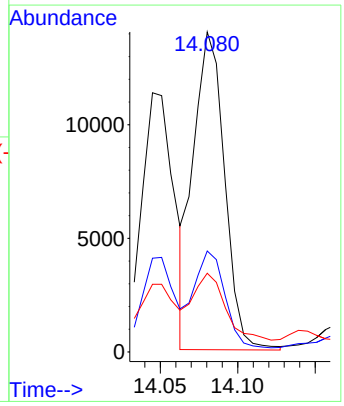


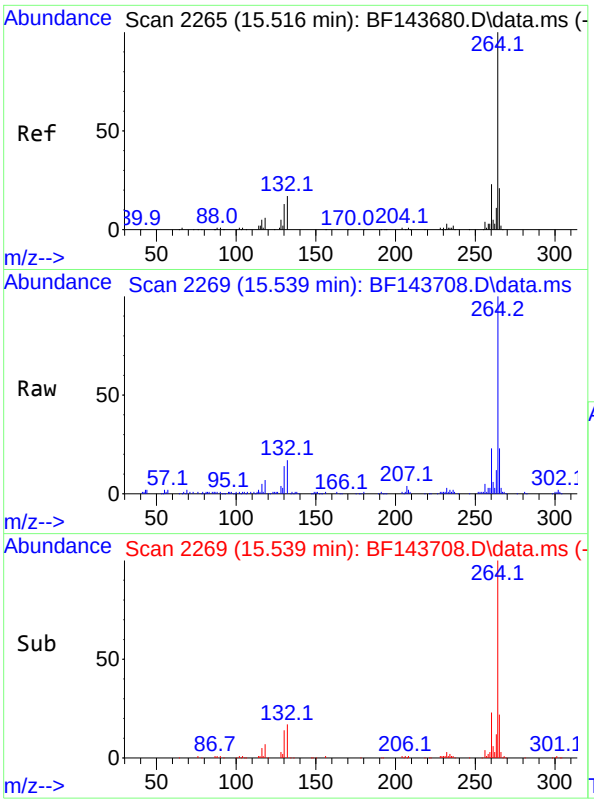


#83
Chrysene
Concen: 3.769 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:228 Resp: 19545

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.7	34.1
229	24.6	15.1	22.7#



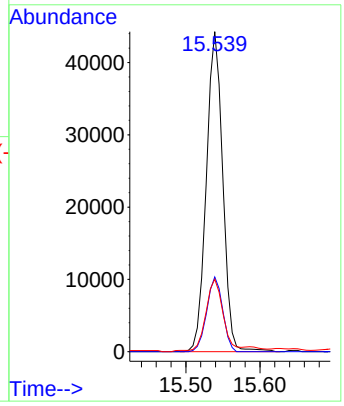


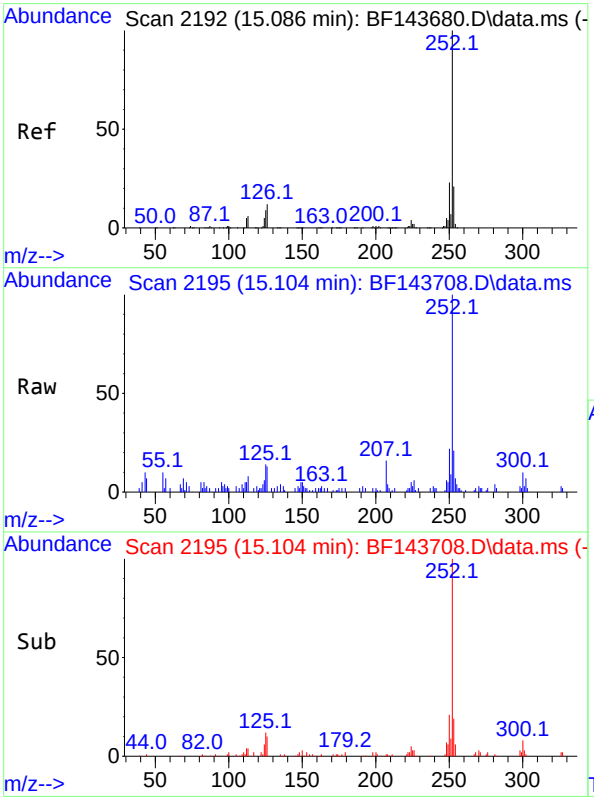
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. 0.023 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:264 Resp: 68151

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.6	17.1	25.7

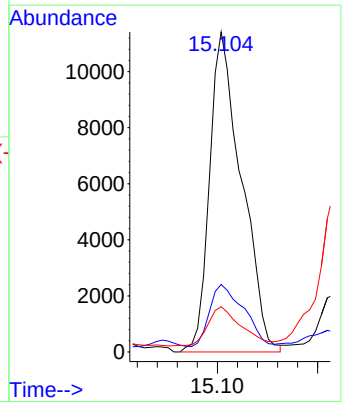


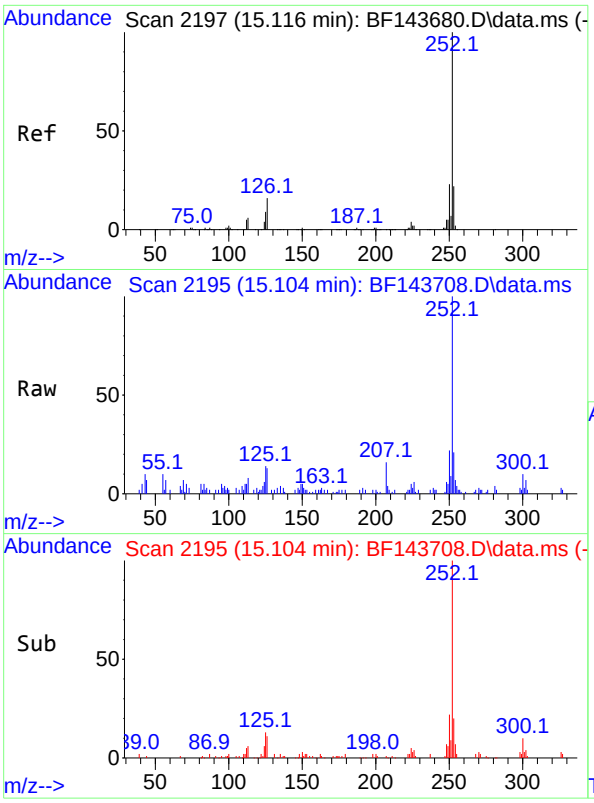


#88
Benzo(b)fluoranthene
Concen: 6.234 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:252 Resp: 25292

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.4
125	14.1	7.4	11.0#



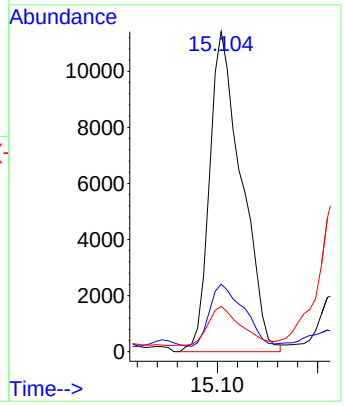


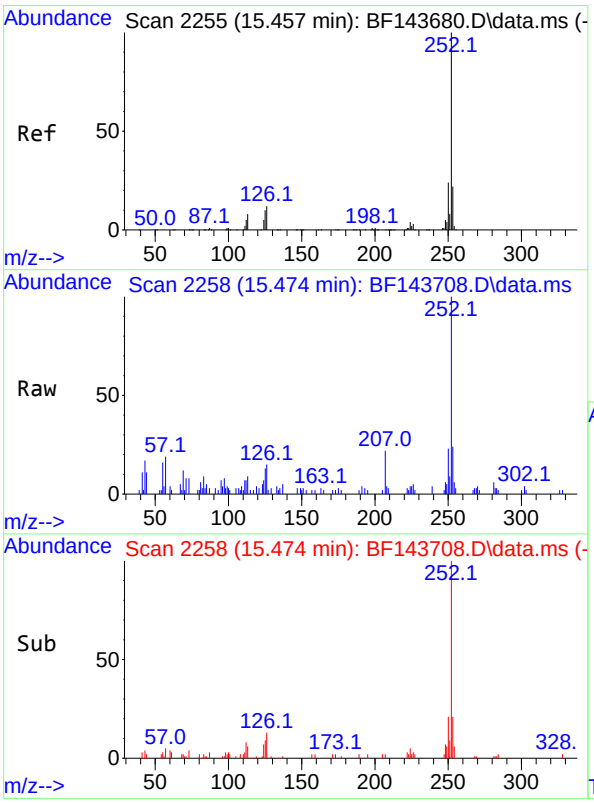
#89
Benzo(k)fluoranthene
Concen: 6.908 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tgt Ion:252 Resp: 25292

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.3	25.9
125	14.1	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 3.499 ng
RT: 15.474 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BF143708.D
Acq: 11 Sep 2025 16:01

Tgt Ion:252 Resp: 12472

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	13.5	8.2	12.4#