Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142892.D
Acq On : 27 Jun 2025 14:47
Operator : RC/JU
Sample : Q2413-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-34

Quant Time: Jun 27 15:08:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	74176	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	267947	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	125086	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	186159	20.000	ng		0.00
76) Chrysene-d12	14.051	240	169043	20.000	ng		0.00
86) Perylene-d12	15.545	264	135290	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	362975	81.472	ng		0.00
7) Phenol-d6	6.504	99	431008	81.999	ng		0.00
23) Nitrobenzene-d5	7.439	82	260620	53.351	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	99032	76.935	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	532562	55.930	ng		-0.01
79) Terphenyl-d14	12.992	244	442381	36.159	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	35185	11.509	ng	#	75
25) Isophorone	7.439	82	260617	33.258	ng	#	62
51) 2,6-Dinitrotoluene	9.916	165	15788	8.879	ng	#	26
57) 2,4-Dinitrotoluene	9.916	165	15788	6.684	ng	#	27
63) Azobenzene	10.627	77	35167	4.956	ng	#	1
67) 4-Bromophenyl-phenylether	10.710	248	6461	3.050	ng	#	1
75) Fluoranthene	12.621	202	33338	3.483	ng		99
78) Pyrene	12.851	202	33041	2.085	ng		99
81) Benzo(a)anthracene	14.074	228	23444	2.056	ng		94
83) Chrysene	14.074	228	23444	2.304	ng		97
88) Benzo(b)fluoranthene	15.110	252	54879	7.010	ng	#	98
89) Benzo(k)fluoranthene	15.110	252	54879	7.493	ng	#	97
90) Benzo(a)pyrene	15.480	252	24857	3.287	ng		99

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

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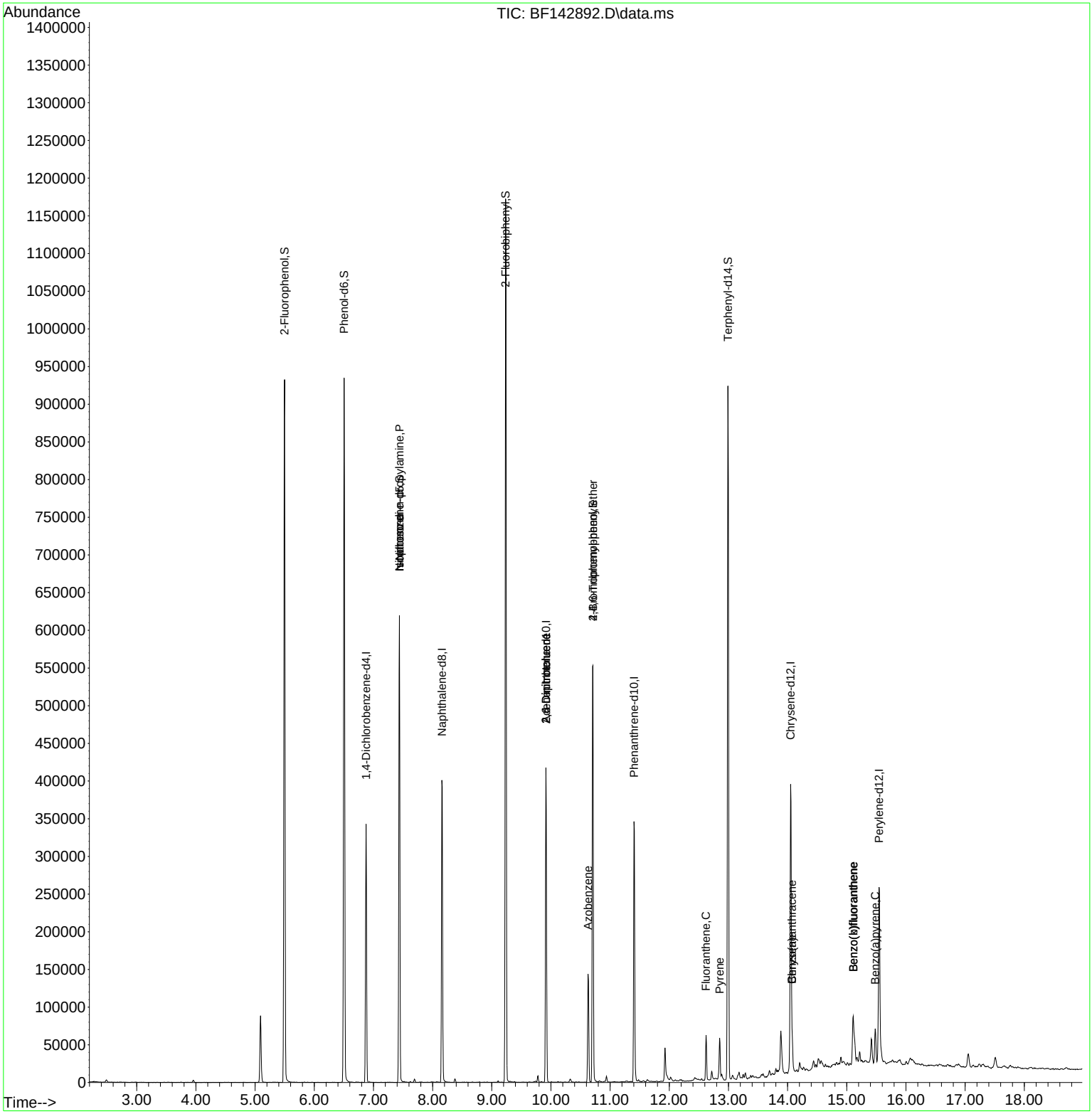
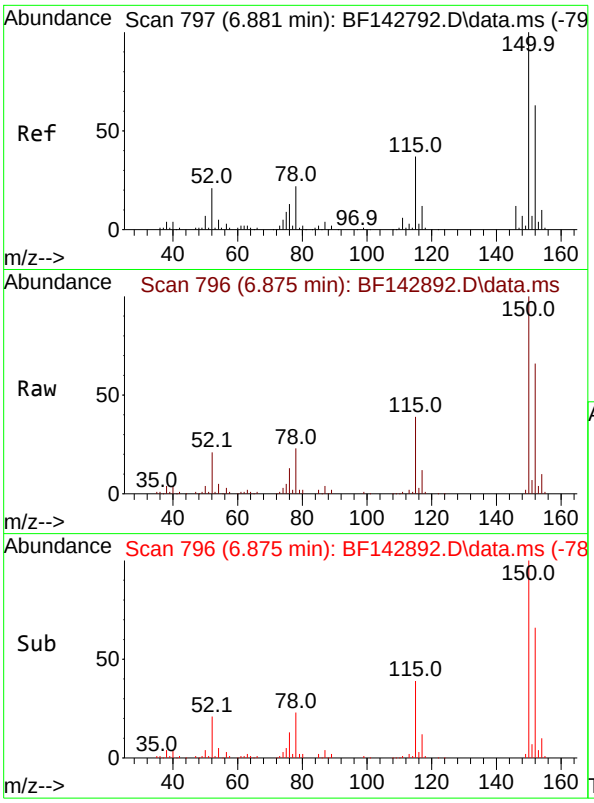


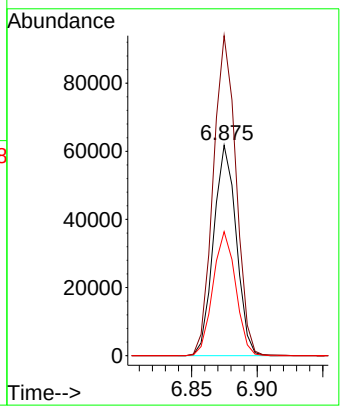


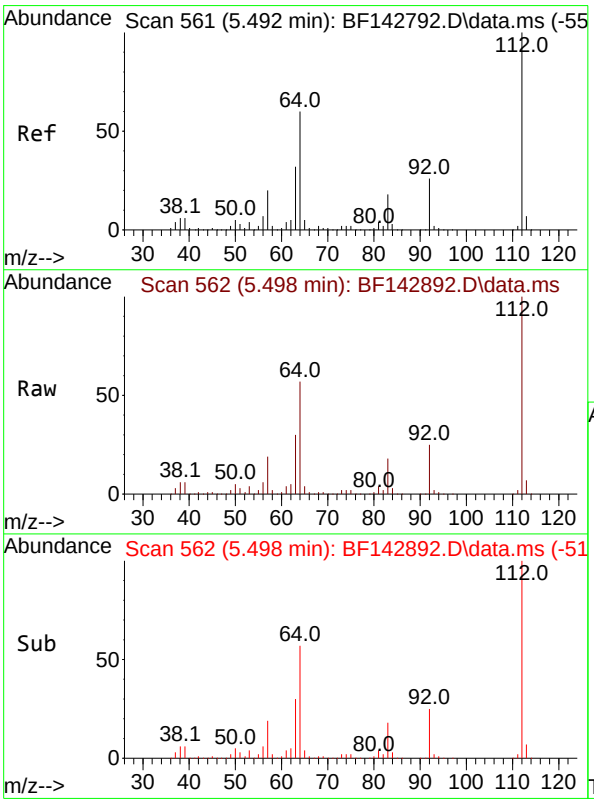
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:152 Resp: 74176

Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.2	190.8
115	58.9	46.6	69.8

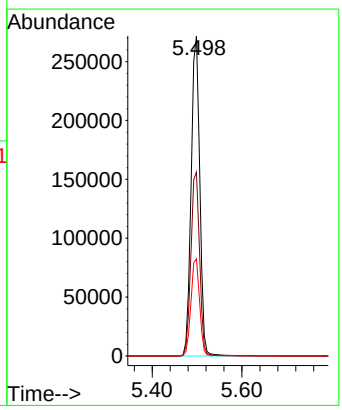


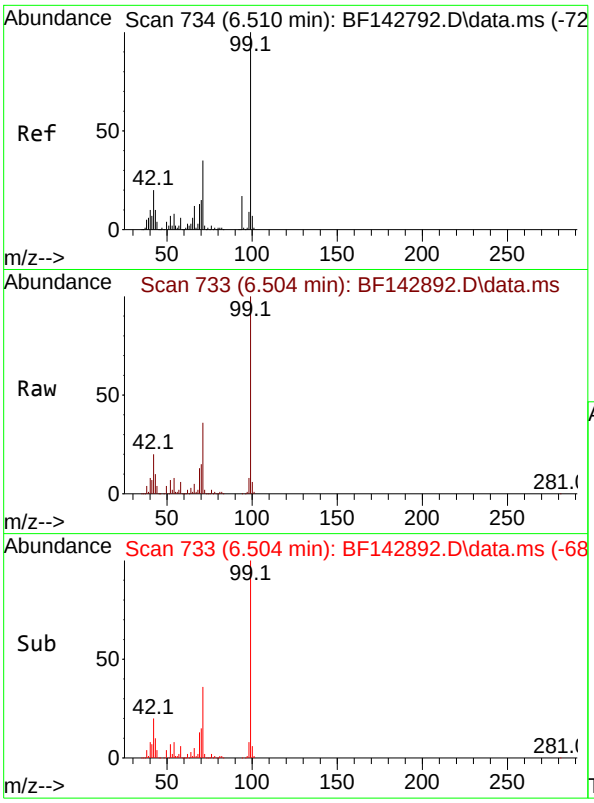


#5
2-Fluorophenol
Concen: 81.472 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:112 Resp: 362975

Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.2	72.2
63	30.4	25.7	38.5



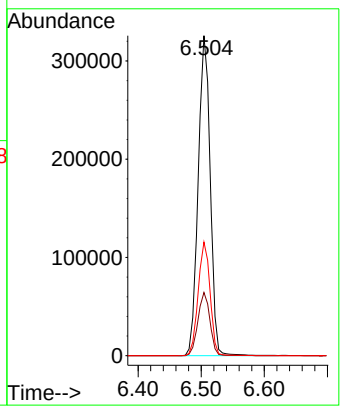


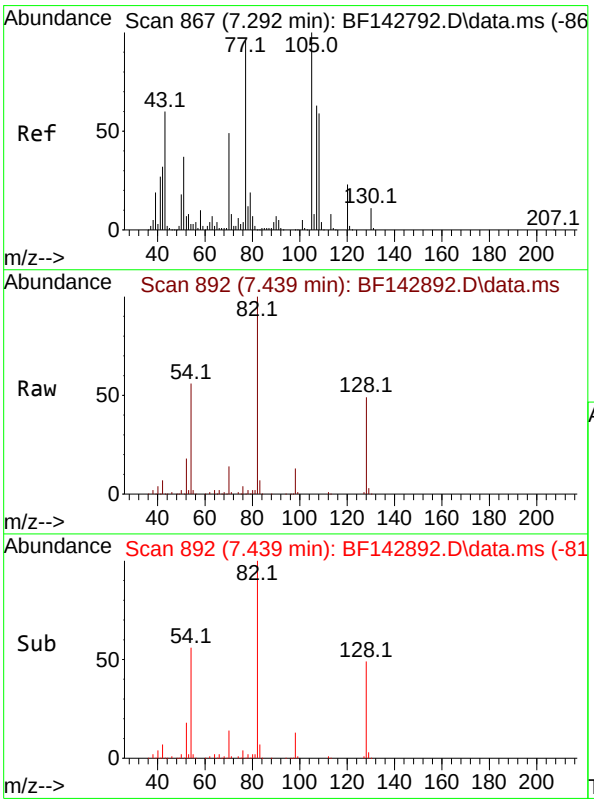
#7
Phenol-d6
Concen: 81.999 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion: 99 Resp: 431008

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	35.5	27.8	41.8

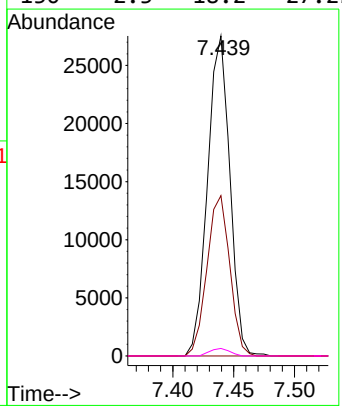


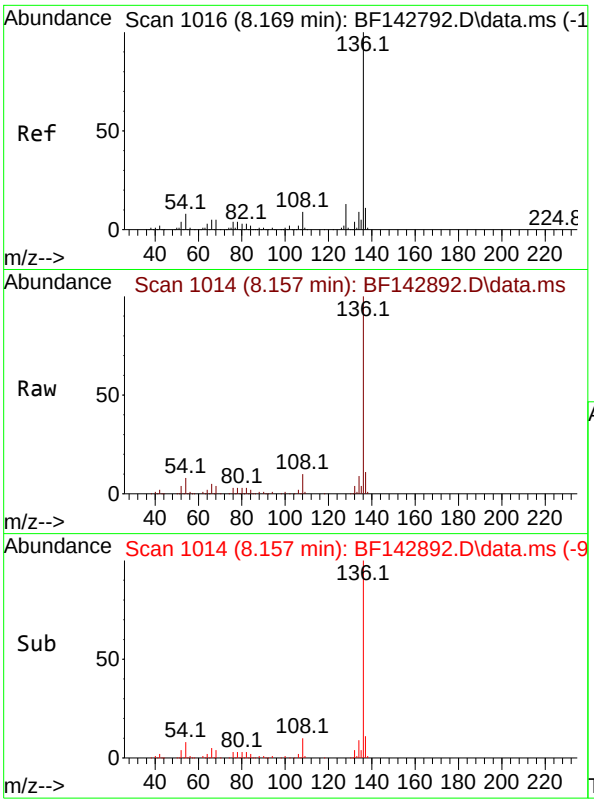


#19
n-Nitroso-di-n-propylamine
Concen: 11.509 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion: 70 Resp: 35185

Ion	Ratio	Lower	Upper
70	100		
42	50.1	52.1	78.1#
101	0.0	8.2	12.2#
130	2.3	18.2	27.2#



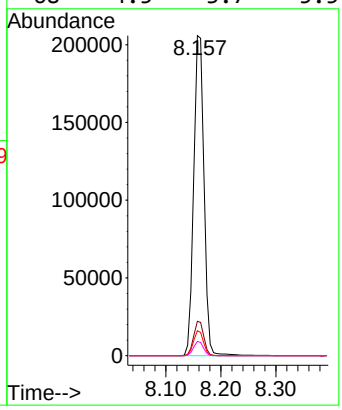


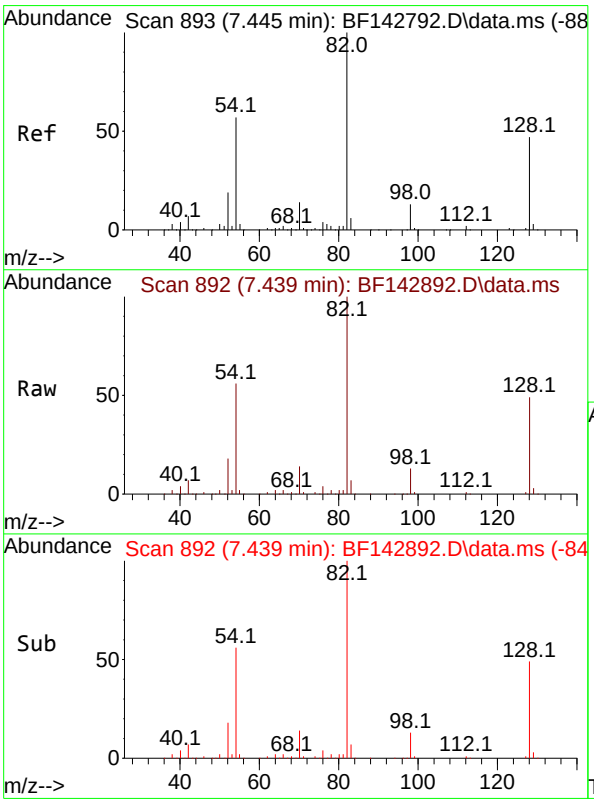
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:136 Resp: 267947

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.8	6.3	9.5
68	4.5	3.7	5.5

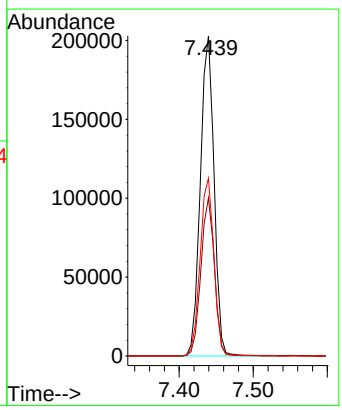


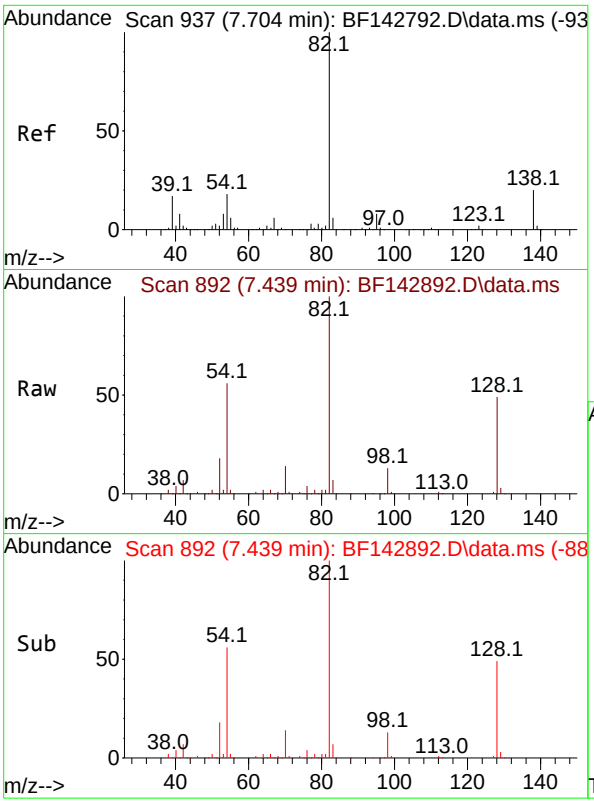


#23
Nitrobenzene-d5
Concen: 53.351 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion: 82 Resp: 260620

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.7	56.5
54	55.6	45.7	68.5



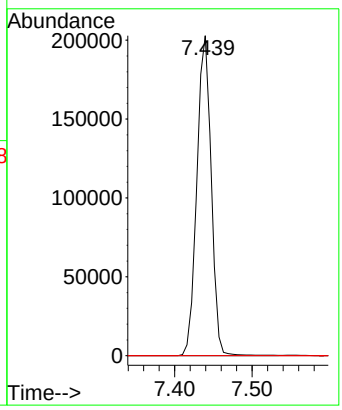


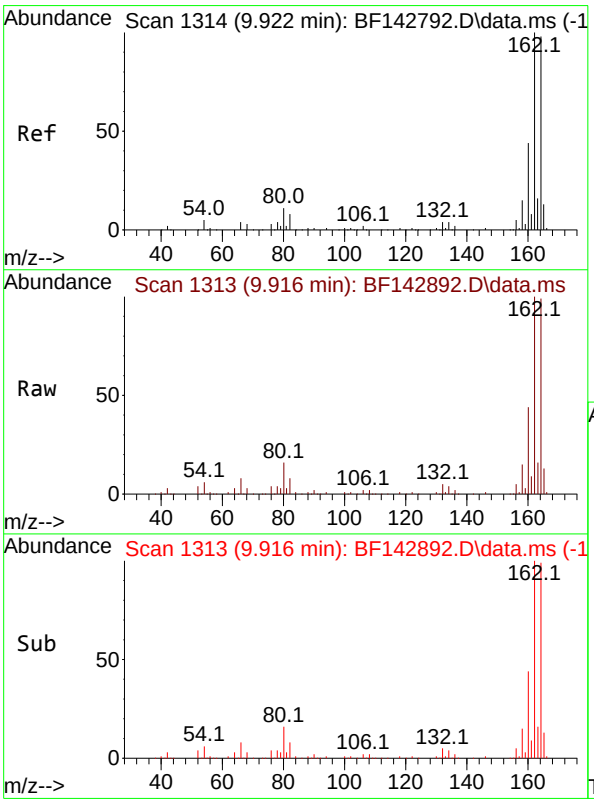
#25
Isophorone
Concen: 33.258 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion: 82 Resp: 260617

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	16.2	24.4#

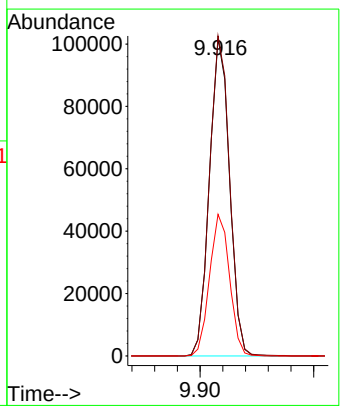


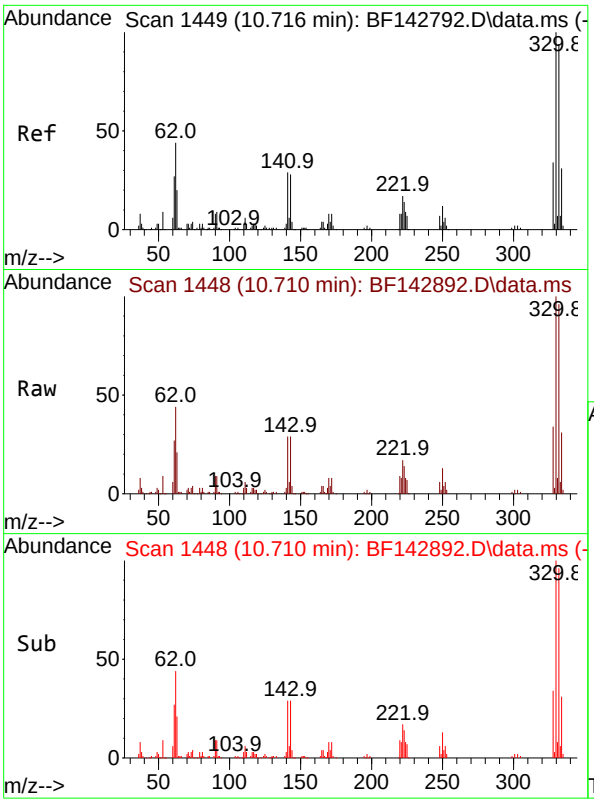


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:164 Resp: 125086

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.8
160	44.6	36.0	54.0



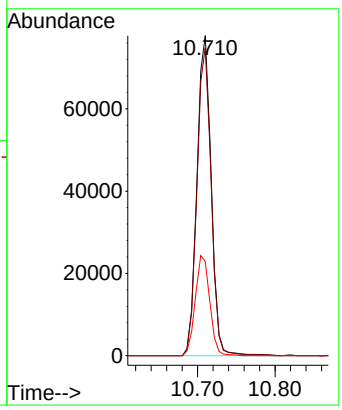


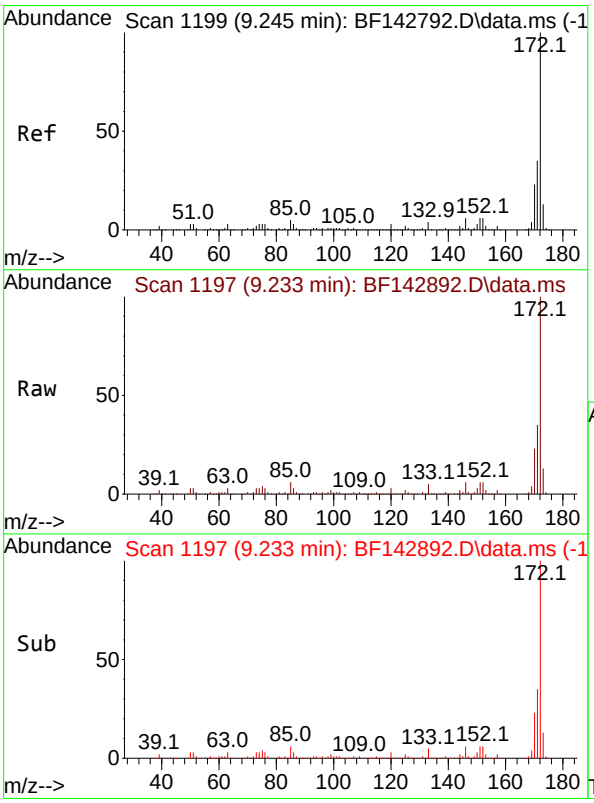
#42
2,4,6-Tribromophenol
Concen: 76.935 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:330 Resp: 99032

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.0	112.6
141	31.9	25.3	37.9

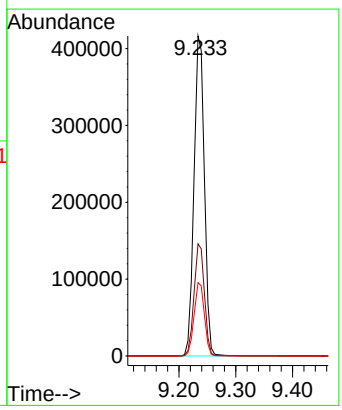


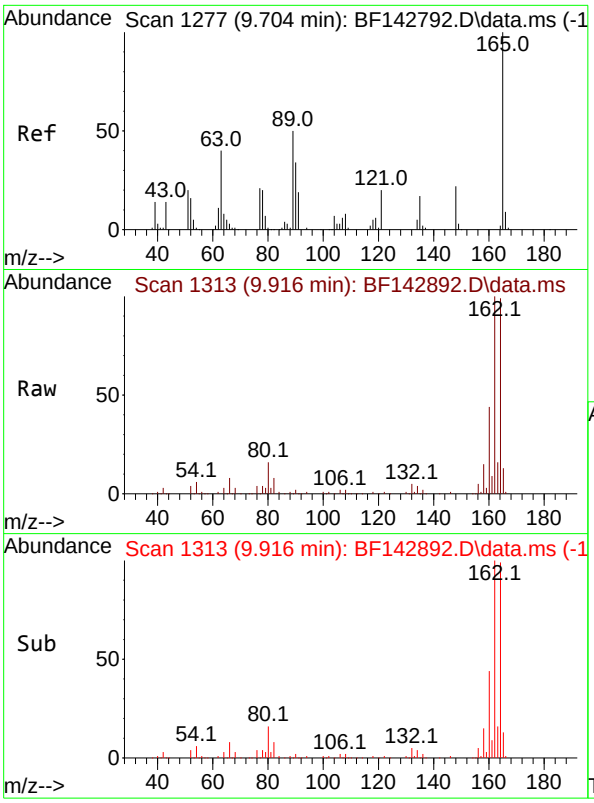


#45
2-Fluorobiphenyl
Concen: 55.930 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:172 Resp: 532562

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	22.9	18.5	27.7



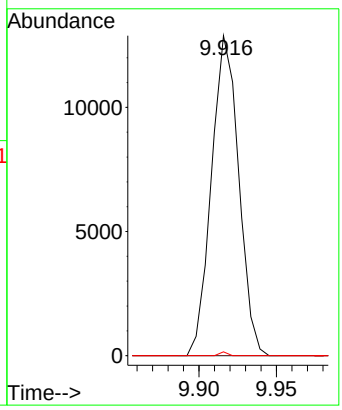


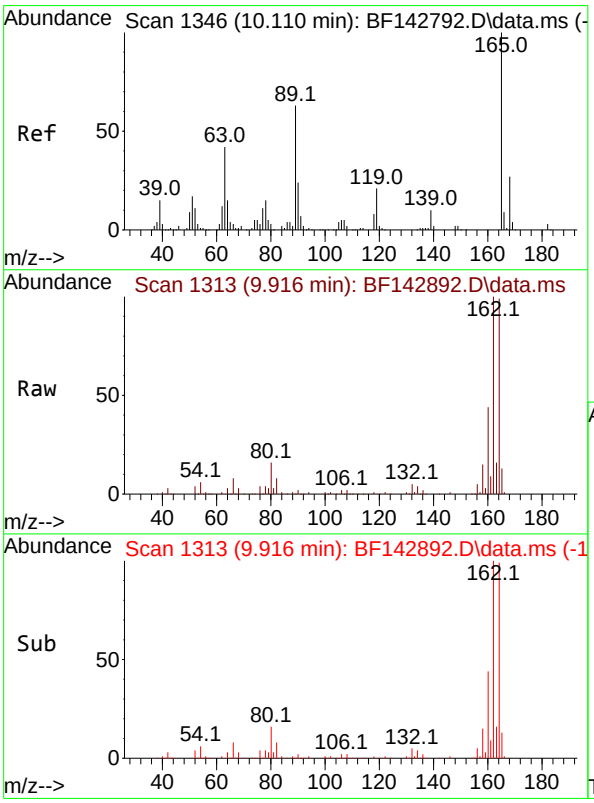
#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:165 Resp: 15788

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.2	66.4#
89	1.2	39.8	59.8#

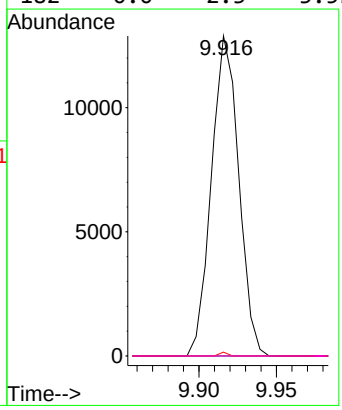


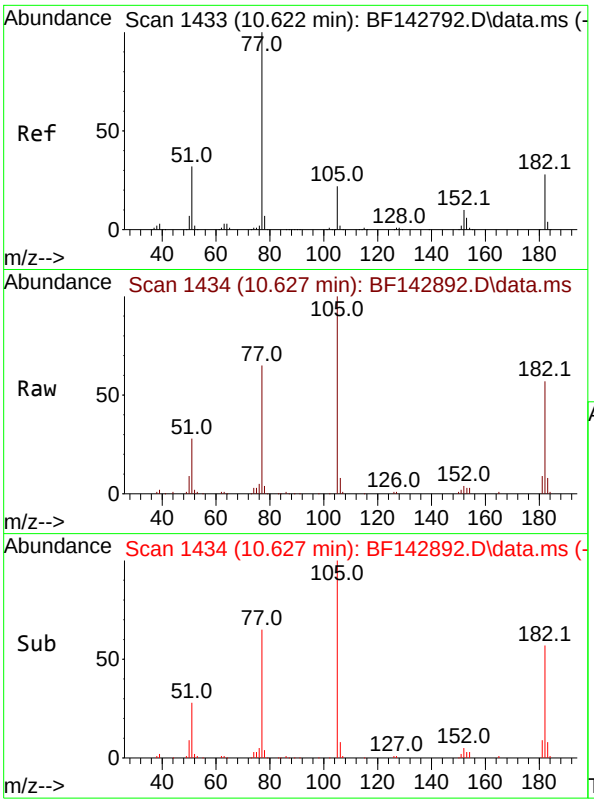


#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:165 Resp: 15788

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.9	50.9#
89	1.2	50.6	75.8#
182	0.0	2.3	3.5#



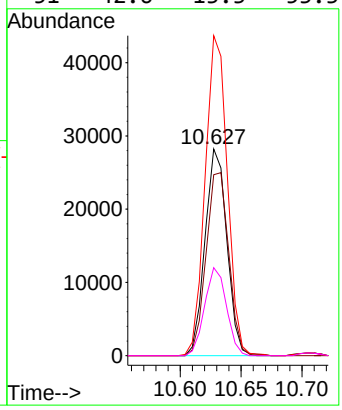


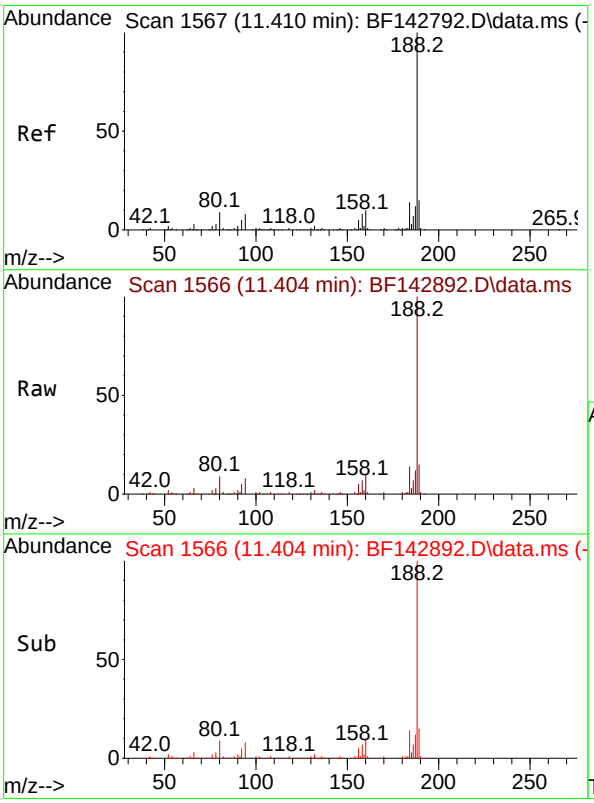
#63
Azobenzene
Concen: 4.956 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion: 77 Resp: 35167

Ion	Ratio	Lower	Upper
77	100		
182	87.6	7.7	47.7#
105	154.8	1.9	41.9#
51	42.6	13.3	53.3

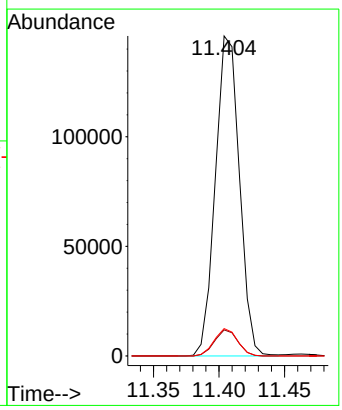


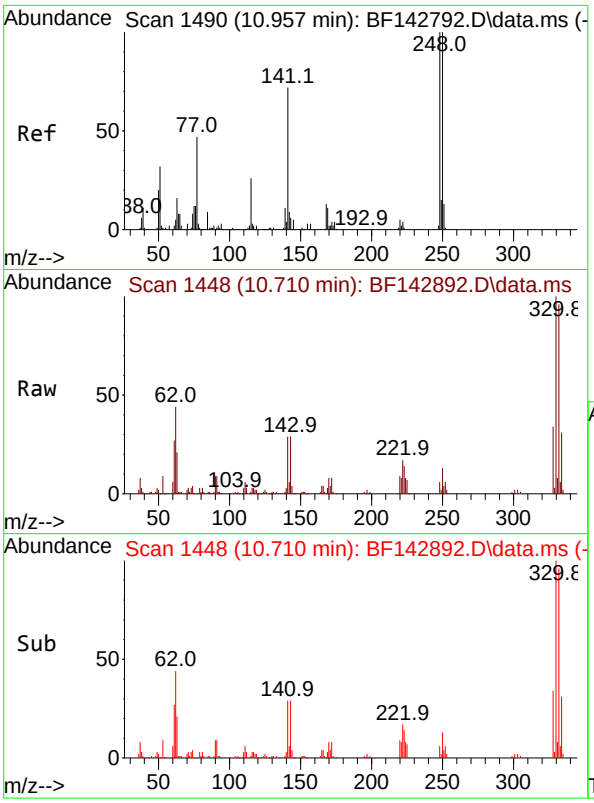


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:188 Resp: 186159

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.5	6.9	10.3



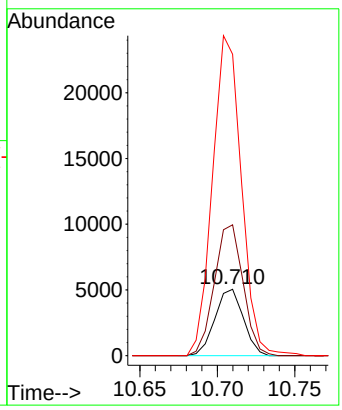


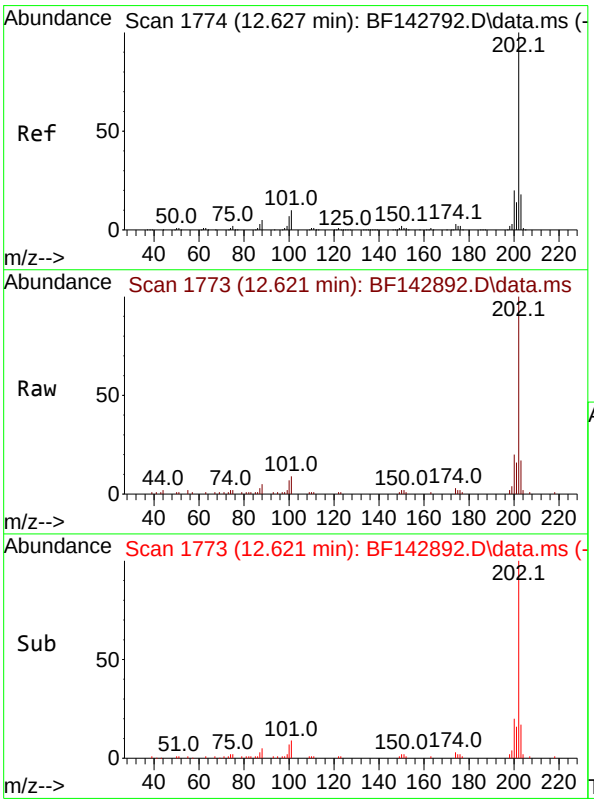
#67
4-Bromophenyl-phenylether
Concen: 3.050 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:248 Resp: 6461

Ion	Ratio	Lower	Upper
248	100		
250	197.2	79.8	119.8#
141	454.2	57.8	86.6#

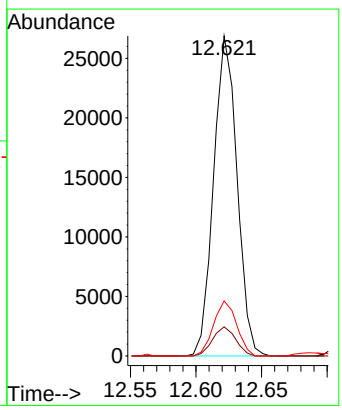


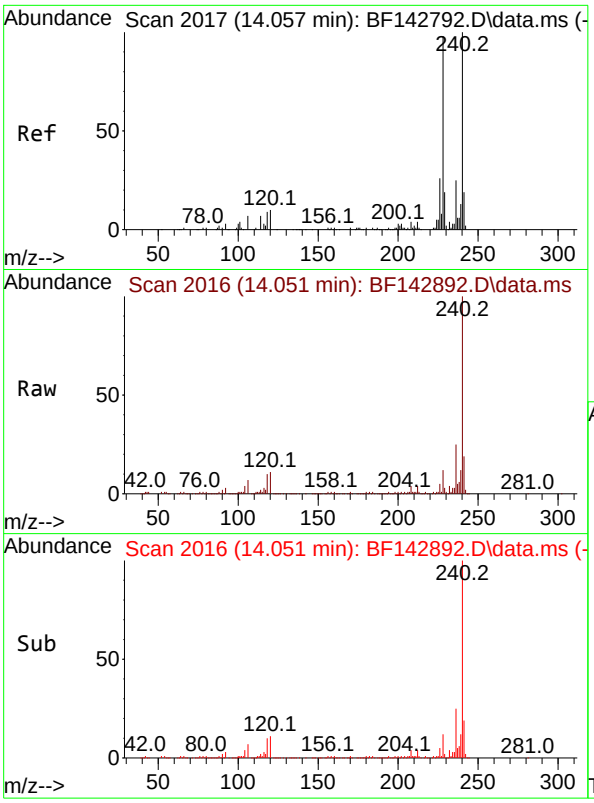


#75
Fluoranthene
Concen: 3.483 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:202 Resp: 33338

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.7
203	17.2	0.0	37.5



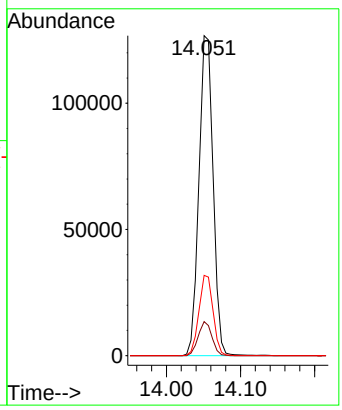


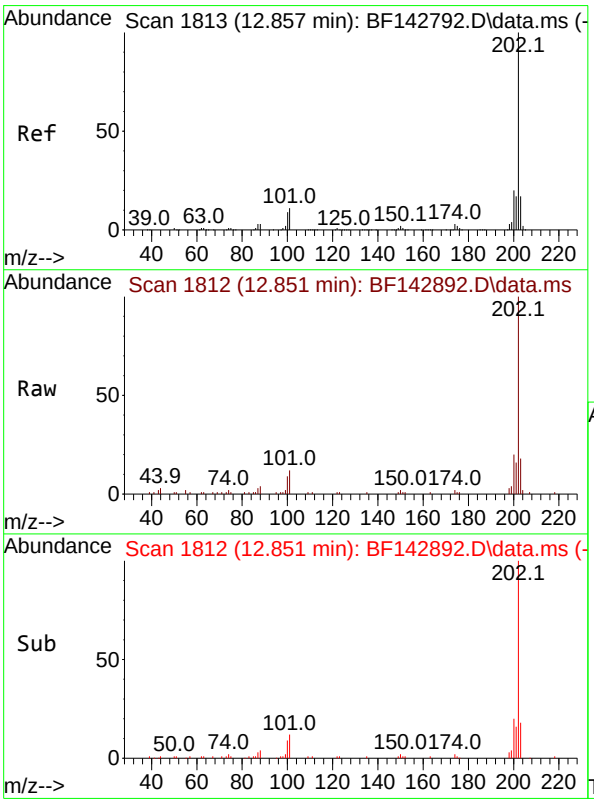
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:240 Resp: 169043

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.2	12.2
236	25.1	19.8	29.8

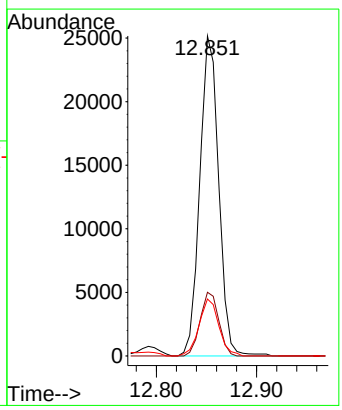


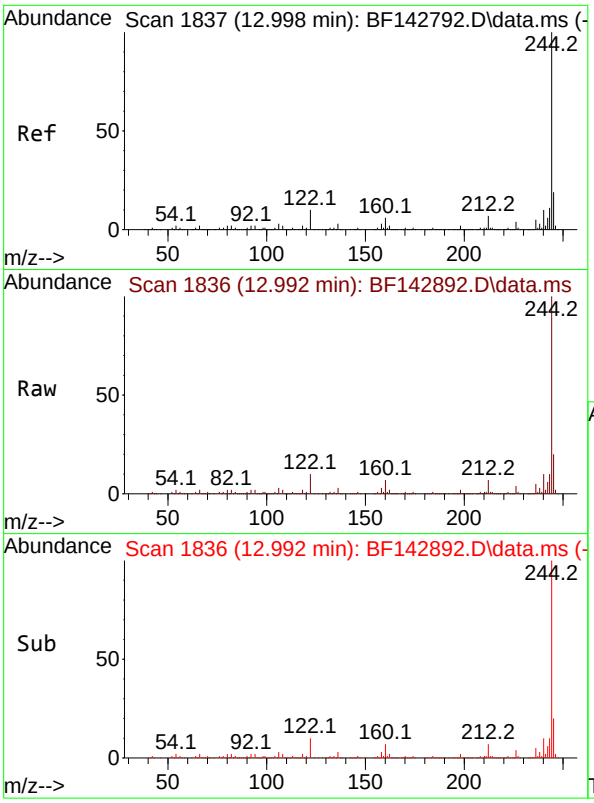


#78
Pyrene
Concen: 2.085 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:202 Resp: 33041

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	17.8	13.8	20.6



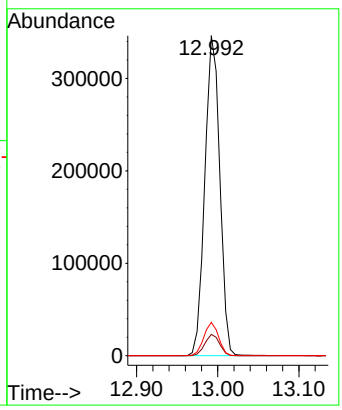


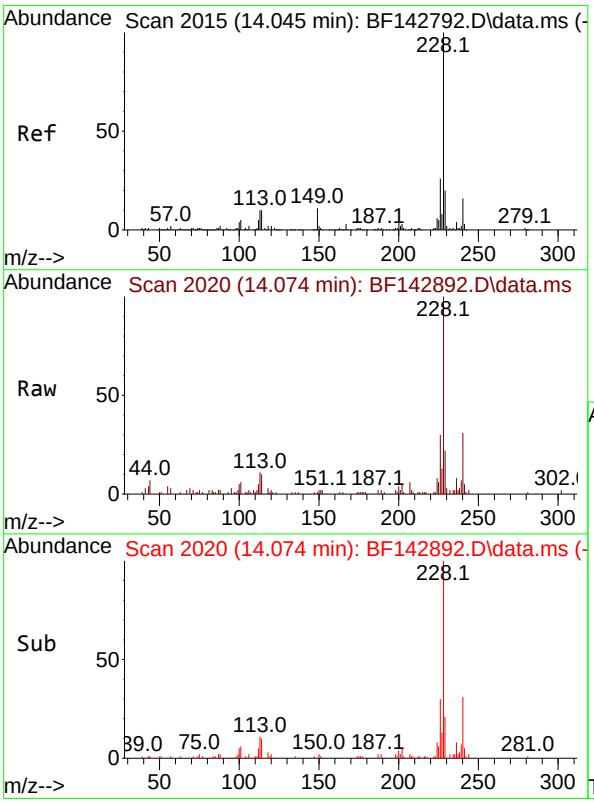
#79
Terphenyl-d14
Concen: 36.159 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:244 Resp: 442381

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.4	8.2	12.2

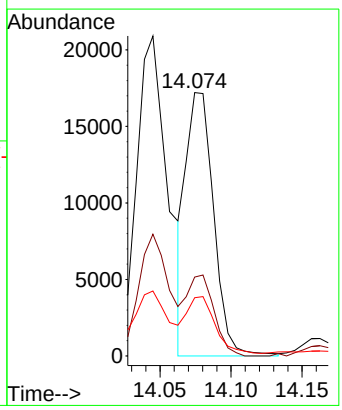


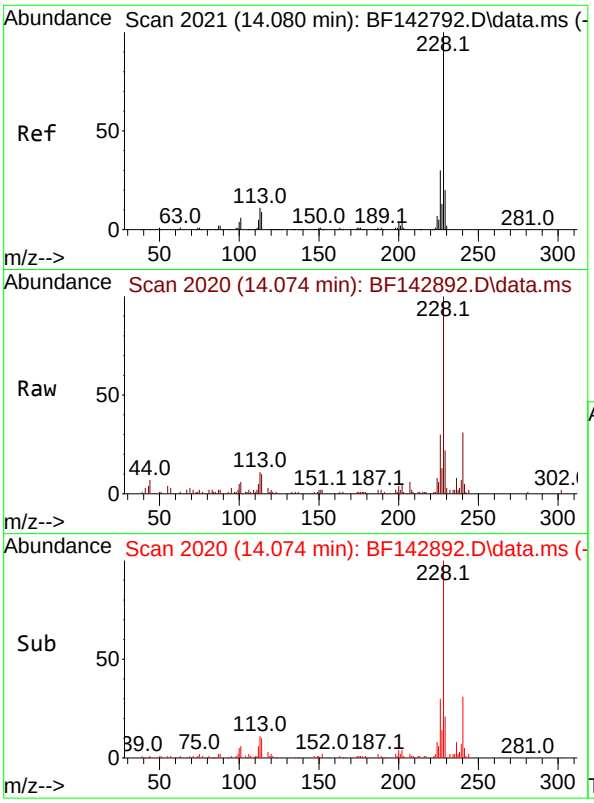


#81
Benzo(a)anthracene
Concen: 2.056 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.029 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:228 Resp: 23444

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.2	31.8
229	22.1	15.6	23.4



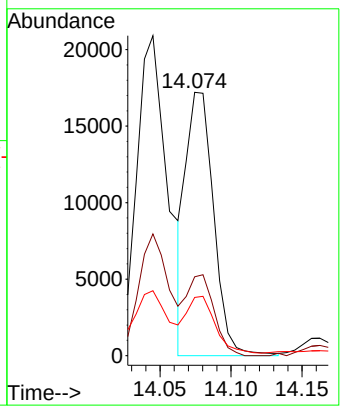


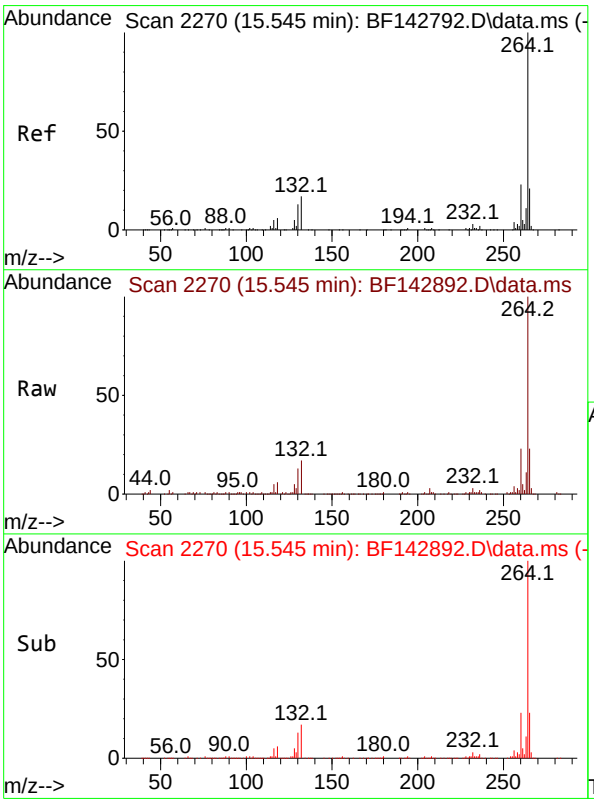
#83
Chrysene
Concen: 2.304 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:228 Resp: 23444

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	22.1	15.7	23.5

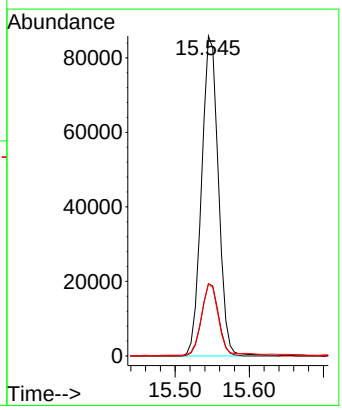


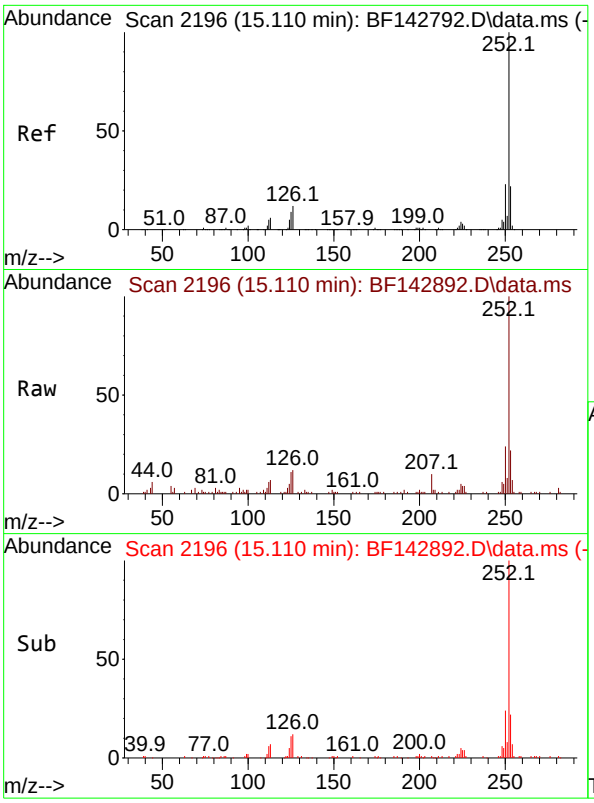


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:264 Resp: 135290

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.1	27.1
265	22.5	16.6	25.0



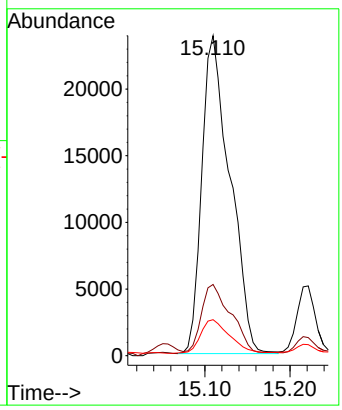


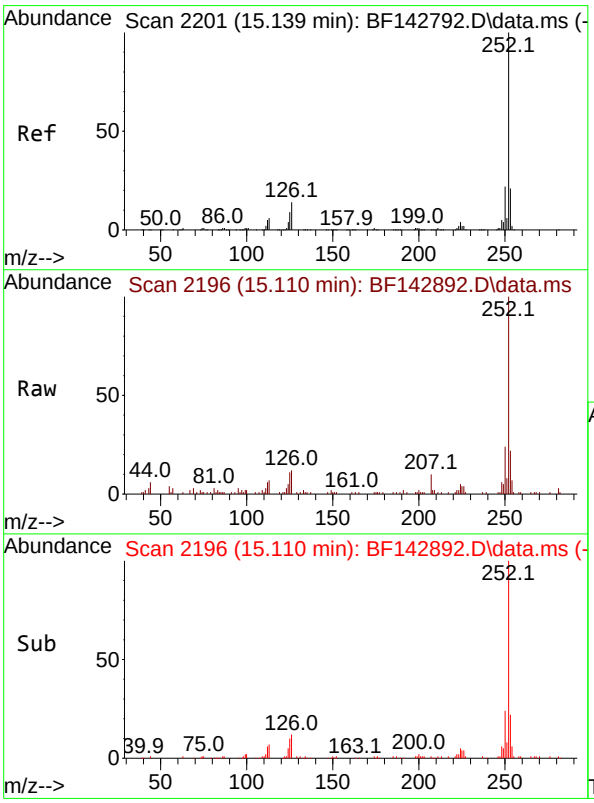
#88
Benzo(b)fluoranthene
Concen: 7.010 ng
RT: 15.110 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:252 Resp: 54879

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.3	7.4	11.0#

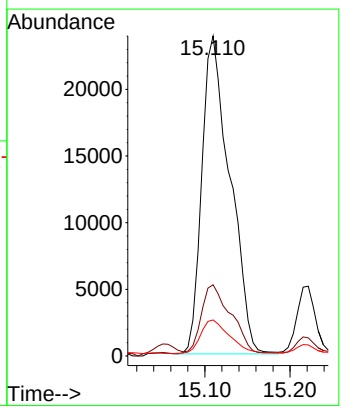


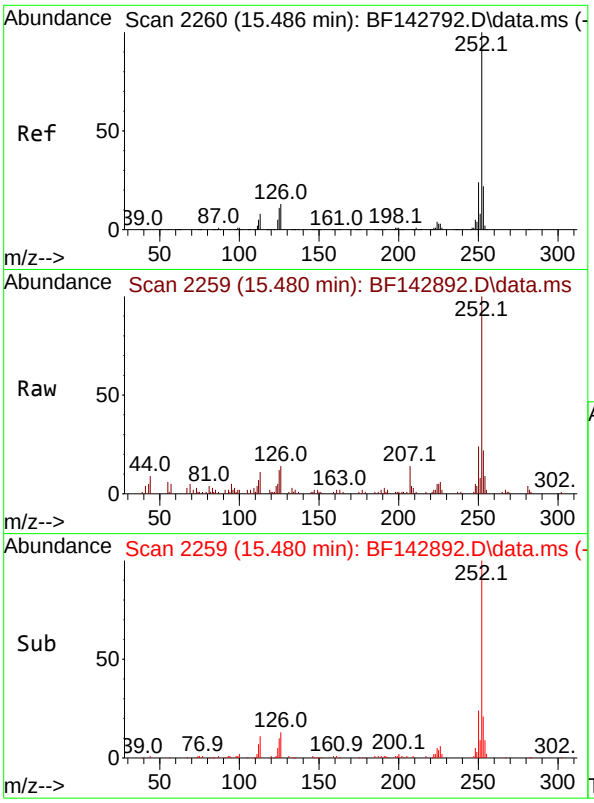


#89
Benzo(k)fluoranthene
Concen: 7.493 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.029 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Tgt Ion:252 Resp: 54879

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.3	7.4	11.2#





#90
Benzo(a)pyrene
Concen: 3.287 ng
RT: 15.480 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142892.D
Acq: 27 Jun 2025 14:47

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:252 Resp: 24857

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.6	8.6	12.8