Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144412.D
Acq On : 02 Dec 2025 19:48
Operator : RC/JU
Sample : Q3748-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Quant Time: Dec 02 23:49:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	37343	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	130990	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	65403	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	123790	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	109072	20.000	ng	0.00
86) Perylene-d12	15.527	264	85316	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	183499	76.896	ng	0.00
7) Phenol-d6	6.492	99	200911	74.304	ng	0.00
23) Nitrobenzene-d5	7.422	82	115623	50.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	61701	75.178	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	250346	56.533	ng	-0.01
79) Terphenyl-d14	12.980	244	333521	48.570	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.422	82	115621	26.951	ng	# 66
35) Caprolactam	8.557	113	1416	2.454	ng	# 1
63) Azobenzene	10.616	77	14248	3.833	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	3853	2.439	ng	# 1
75) Fluoranthene	12.610	202	14029	2.203	ng	92
88) Benzo(b)fluoranthene	15.092	252	10054	2.073	ng	# 42
89) Benzo(k)fluoranthene	15.092	252	10326	2.274	ng	# 44

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144412.D
Acq On : 02 Dec 2025 19:48
Operator : RC/JU
Sample : Q3748-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Quant Time: Dec 02 23:49:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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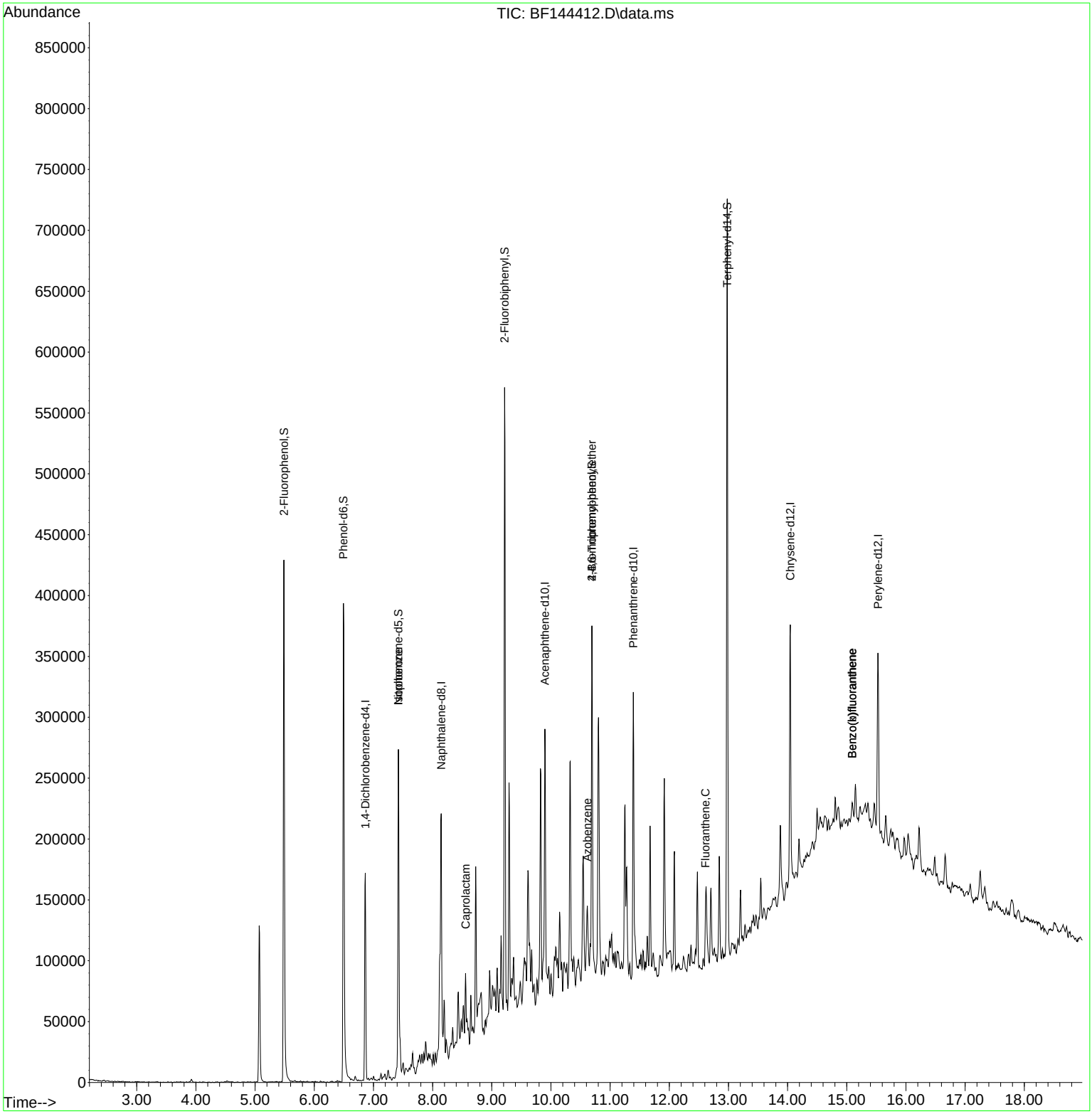
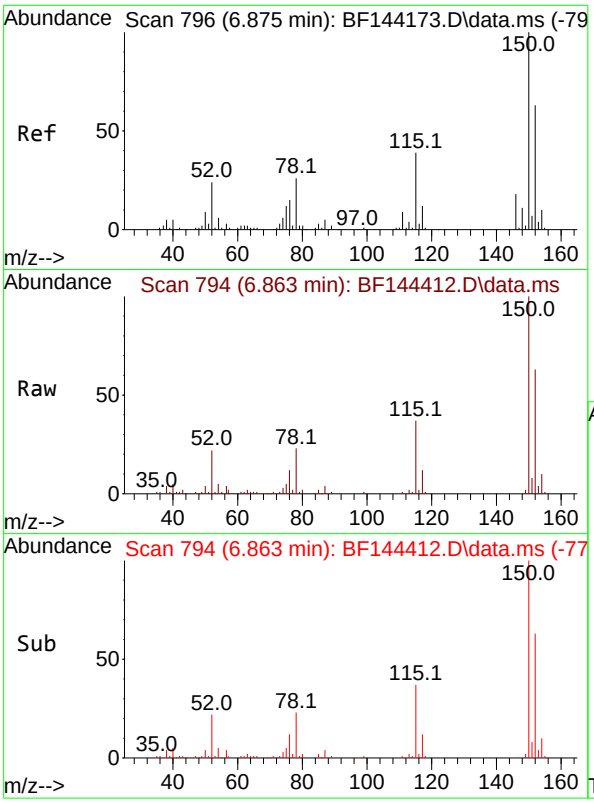


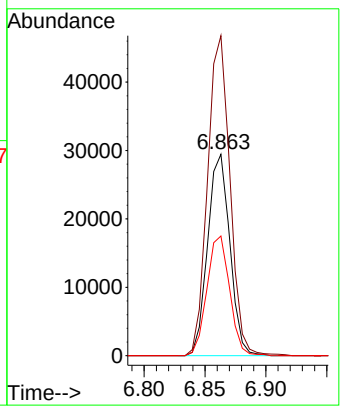


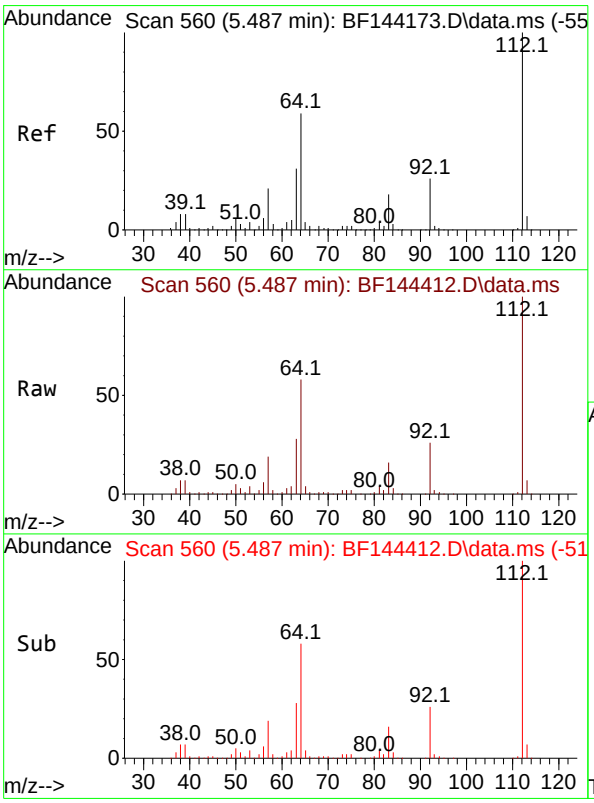
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:152 Resp: 37343

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.4	191.0
115	59.5	49.5	74.3

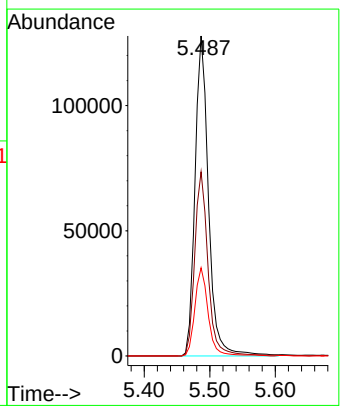


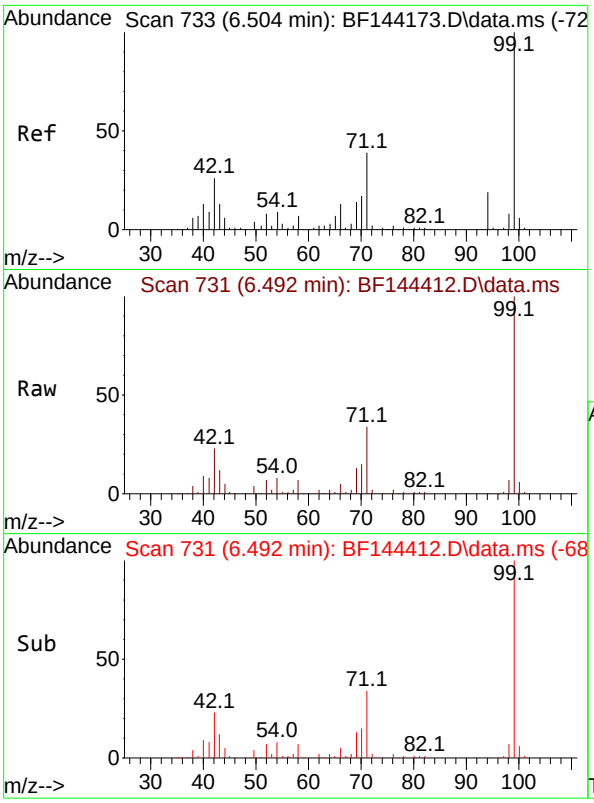


#5
2-Fluorophenol
Concen: 76.896 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:112 Resp: 183499

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.2	70.8
63	27.5	24.4	36.6



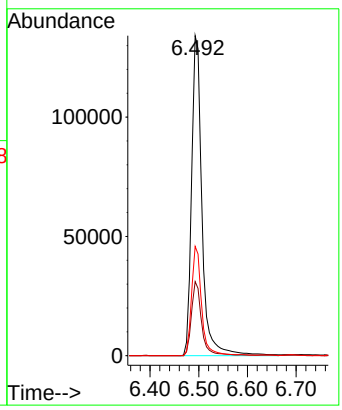


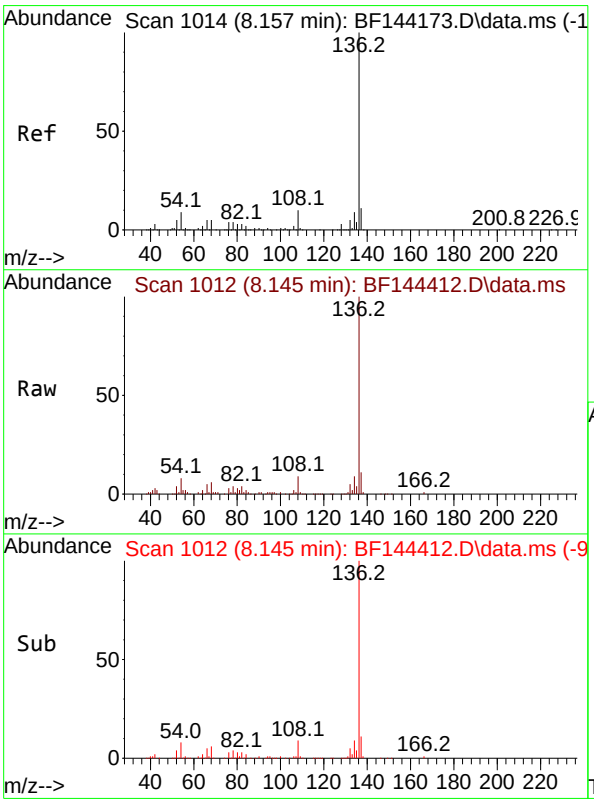
#7
Phenol-d6
Concen: 74.304 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion: 99 Resp: 200911

Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.9	31.3
71	34.1	31.4	47.2

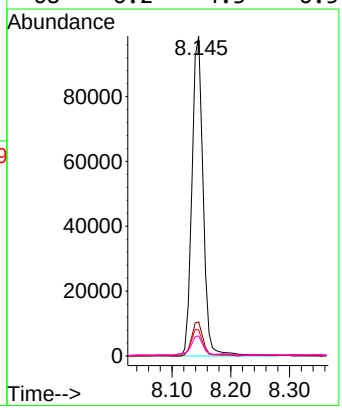


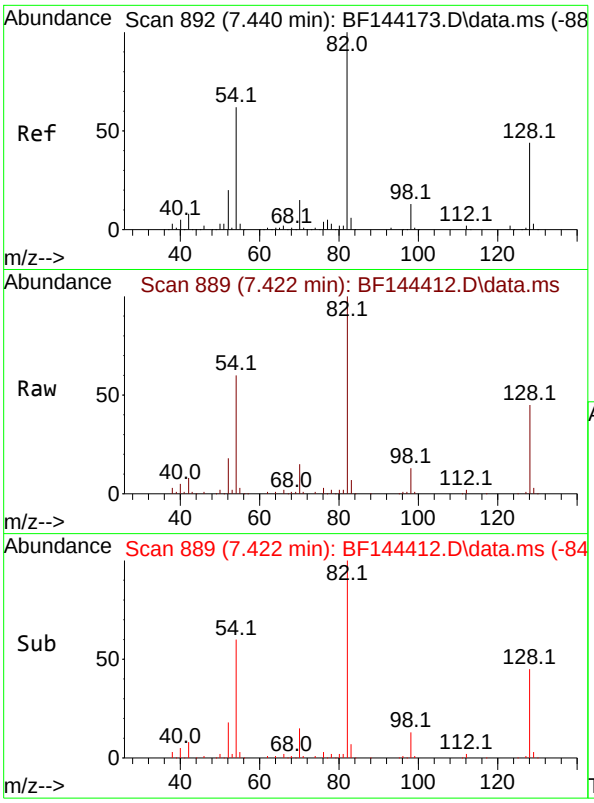


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:136 Resp: 130990

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	7.0	10.6
68	6.2	4.3	6.5



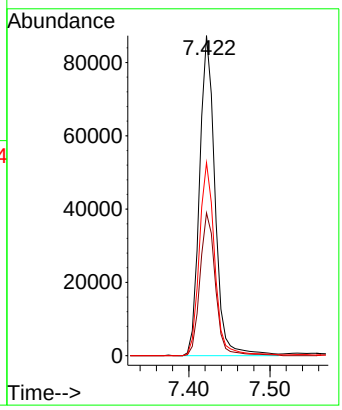


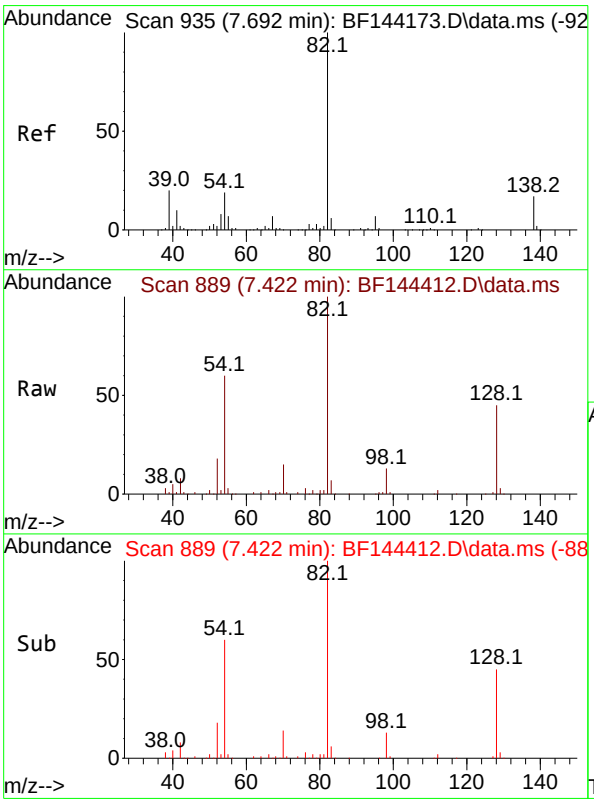
#23
Nitrobenzene-d5
Concen: 50.980 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion: 82 Resp: 115623

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.7	52.1
54	60.3	49.5	74.3

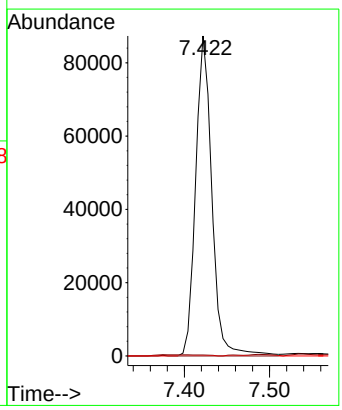


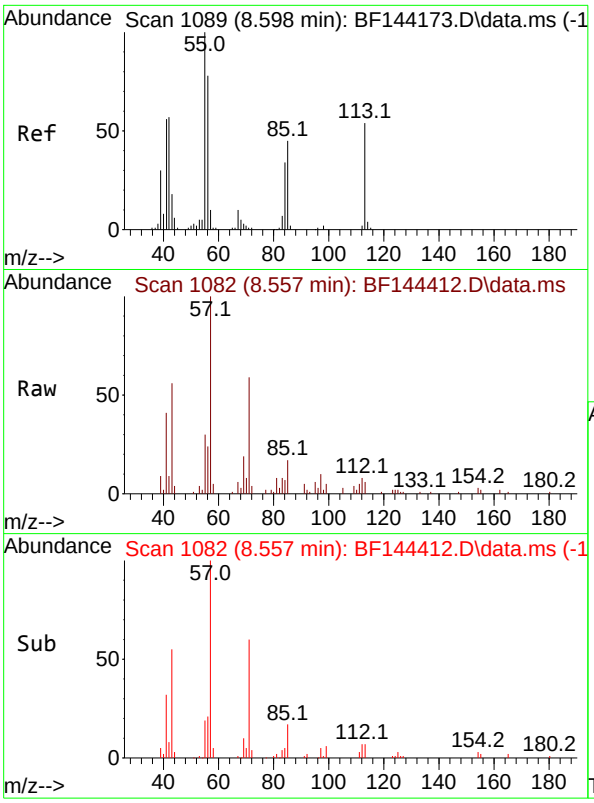


#25
Isophorone
Concen: 26.951 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.265 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion: 82 Resp: 115621

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.5	8.3#
138	0.0	13.7	20.5#



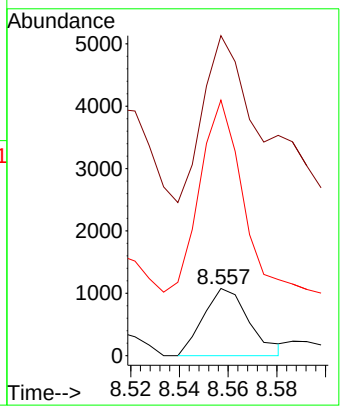


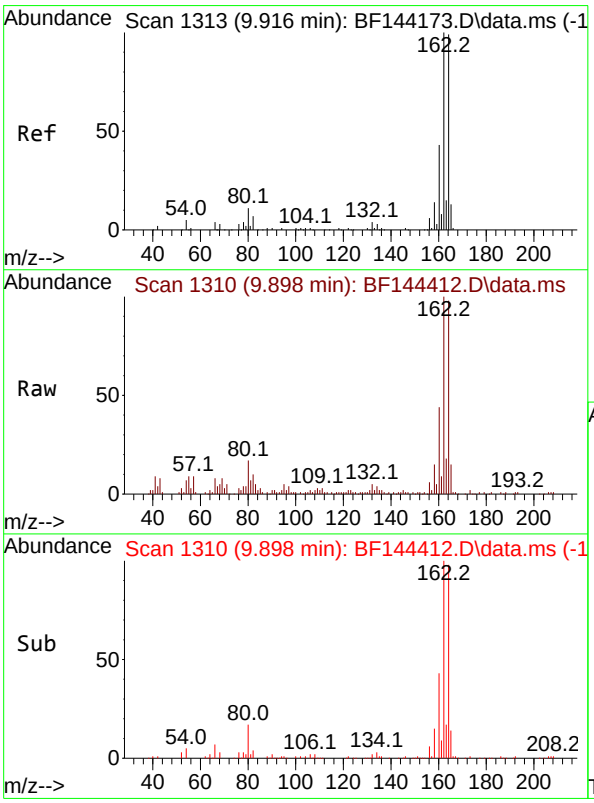
#35
Caprolactam
Concen: 2.454 ng
RT: 8.557 min Scan# 1
Delta R.T. -0.065 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:113 Resp: 1416

Ion	Ratio	Lower	Upper
113	100		
55	476.0	166.8	206.8#
56	380.1	125.9	165.9#

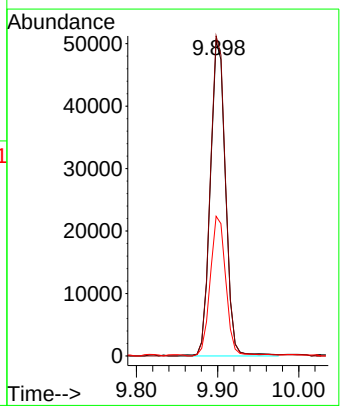


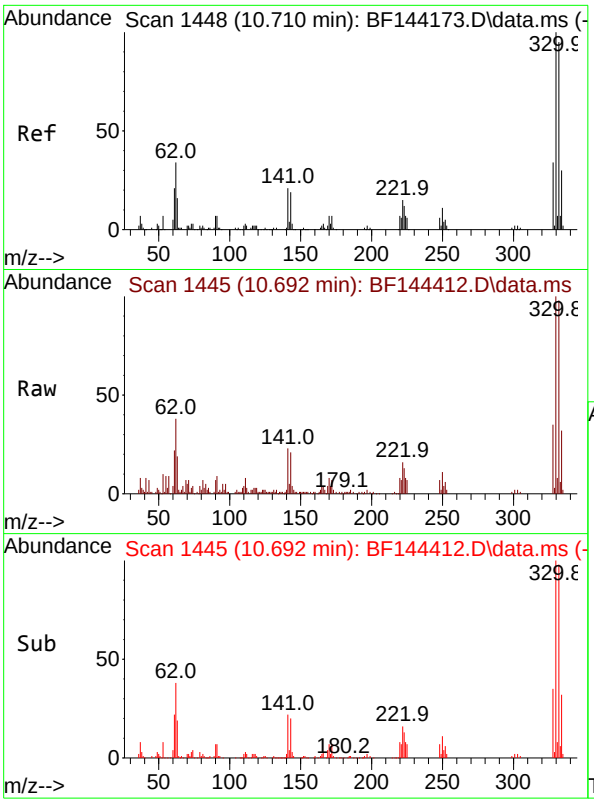


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:164 Resp: 65403

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.1	121.7
160	44.4	34.5	51.7



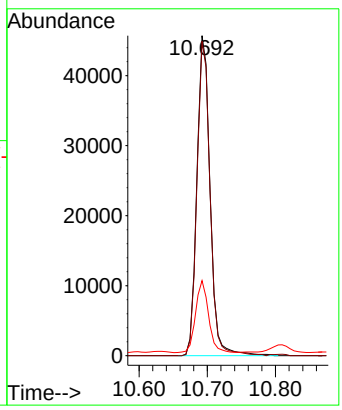


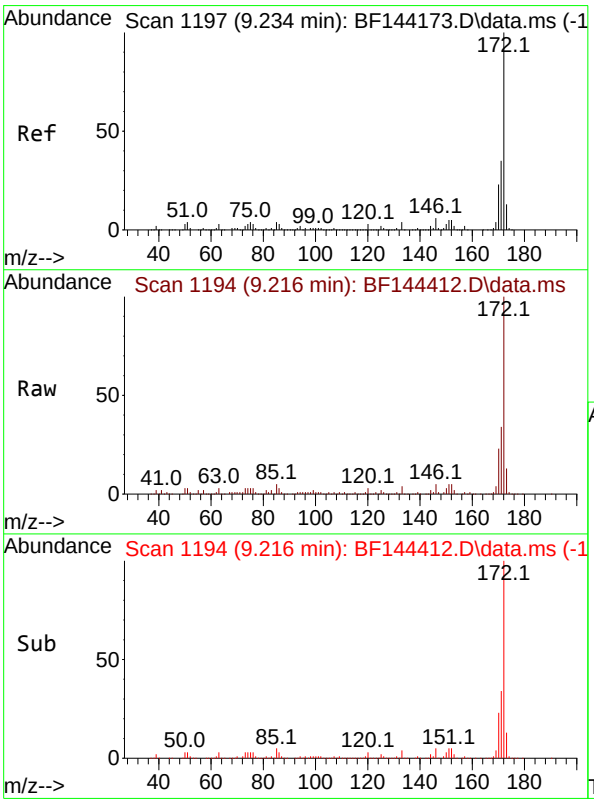
#42
2,4,6-Tribromophenol
Concen: 75.178 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:330 Resp: 61701

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.7	115.1
141	22.0	17.8	26.8

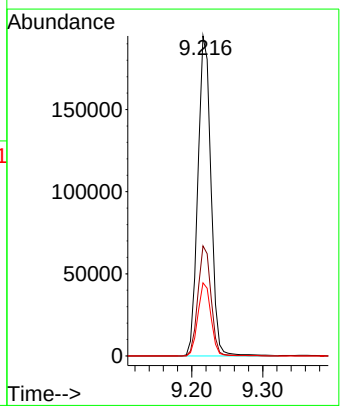


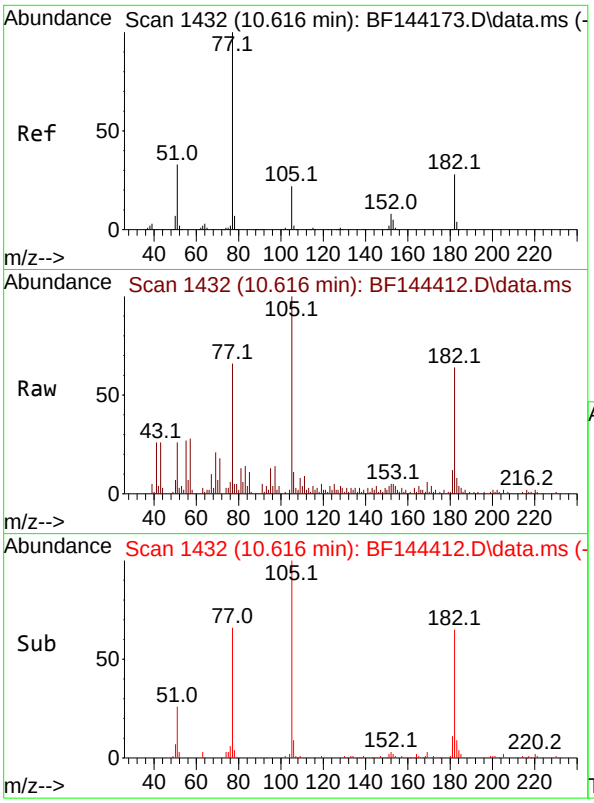


#45
2-Fluorobiphenyl
Concen: 56.533 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:172 Resp: 250346

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	22.8	18.6	28.0



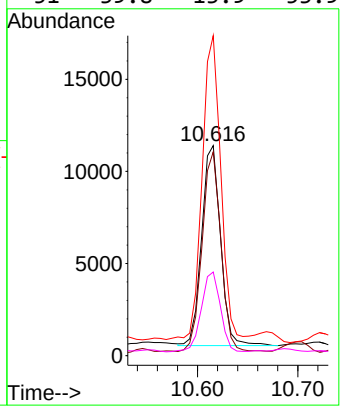


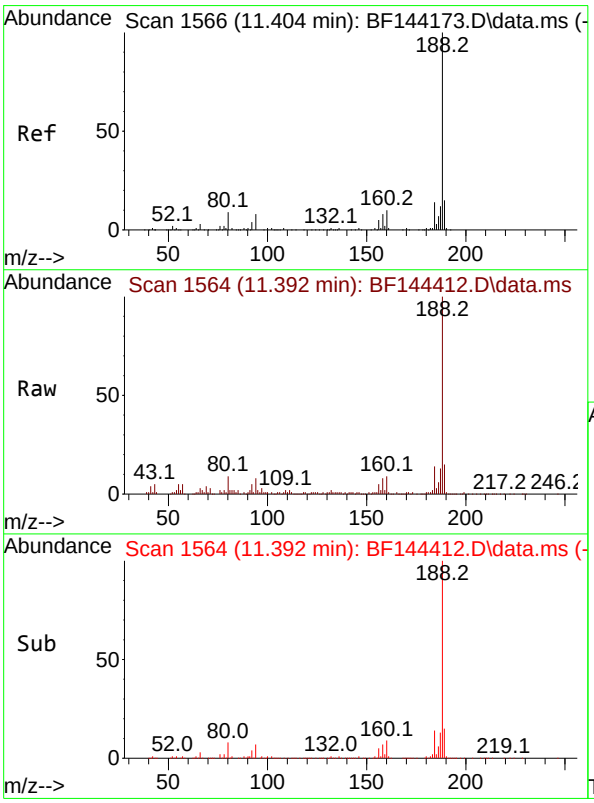
#63
Azobenzene
Concen: 3.833 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion: 77 Resp: 14248

Ion	Ratio	Lower	Upper
77	100		
182	97.0	8.1	48.1#
105	152.3	2.0	42.0#
51	39.8	13.9	53.9

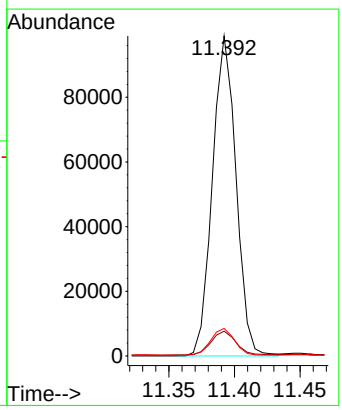


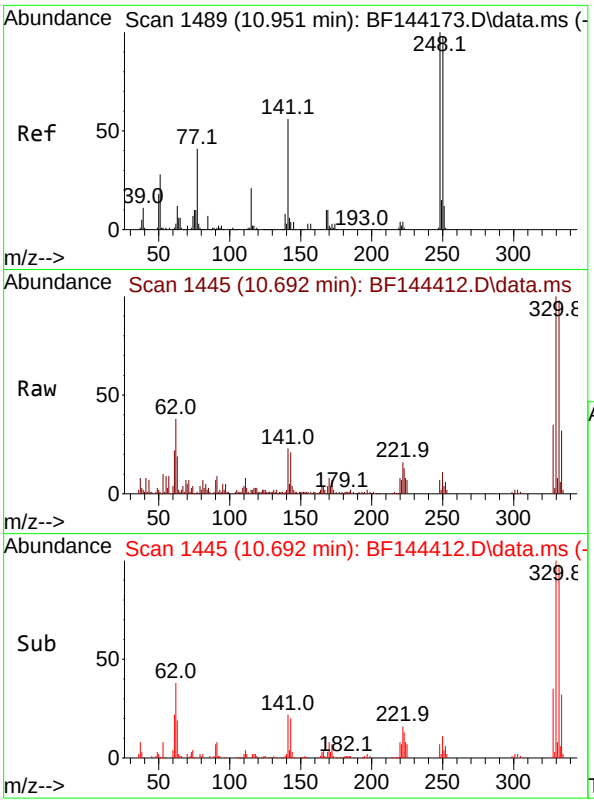


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:188 Resp: 123790

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.2
80	8.6	6.9	10.3



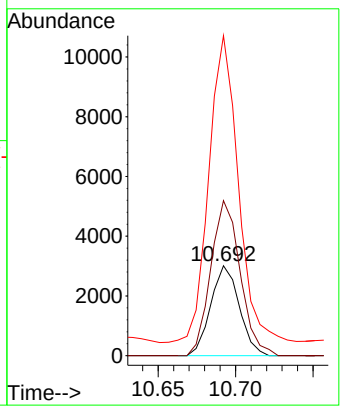


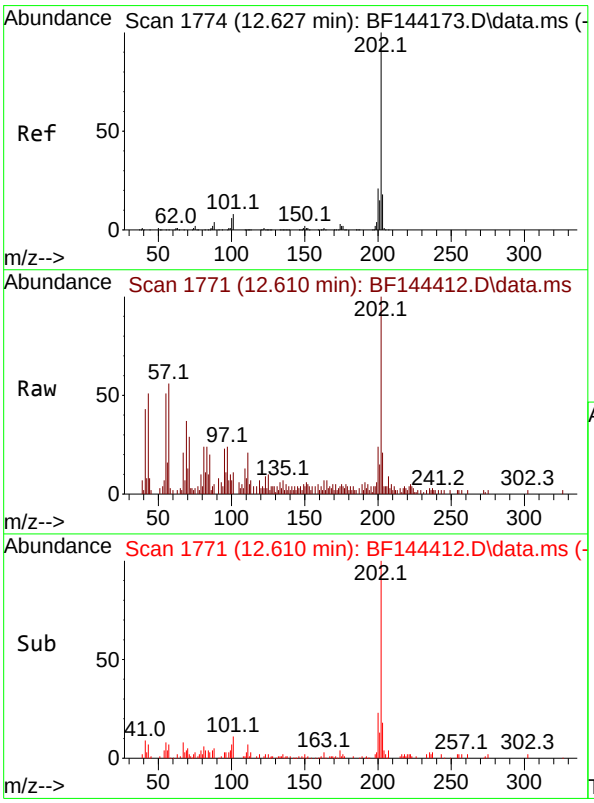
#67
4-Bromophenyl-phenylether
Concen: 2.439 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:248 Resp: 3853

Ion	Ratio	Lower	Upper
248	100		
250	172.3	78.4	117.6#
141	355.8	45.1	67.7#

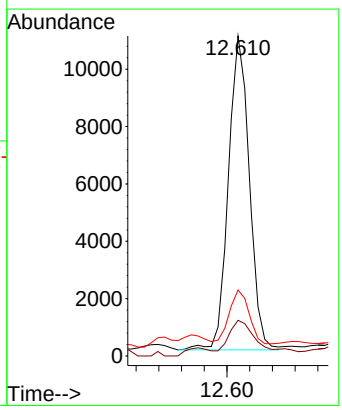


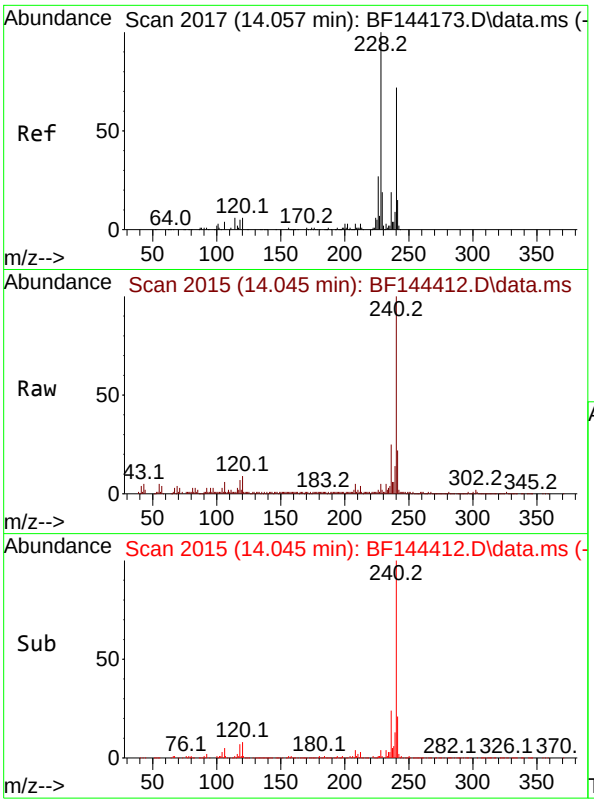


#75
Fluoranthene
Concen: 2.203 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:202 Resp: 14029

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	27.9
203	20.6	0.0	37.5



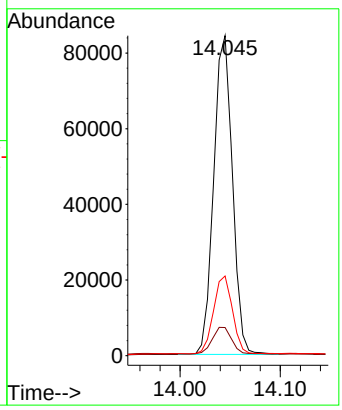


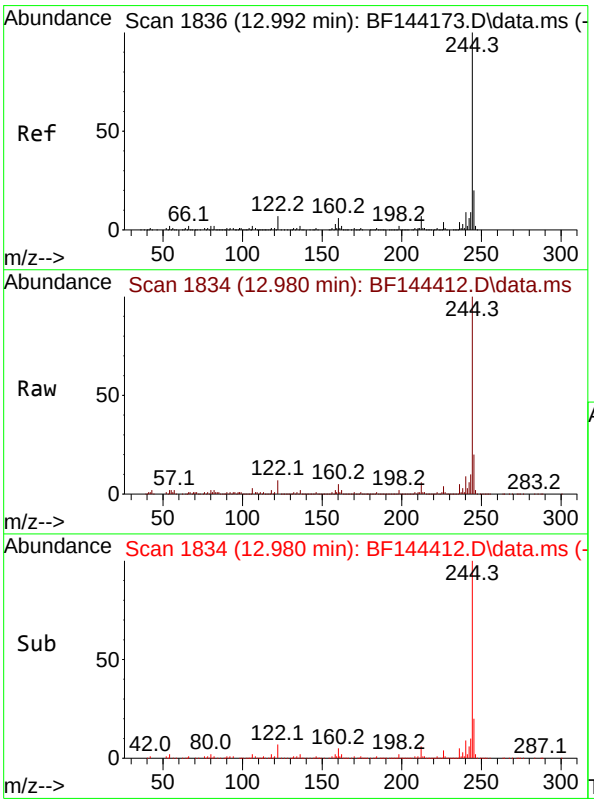
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:240 Resp: 109072

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.6	10.0
236	24.9	21.4	32.2

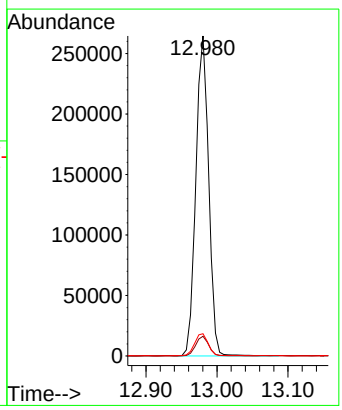


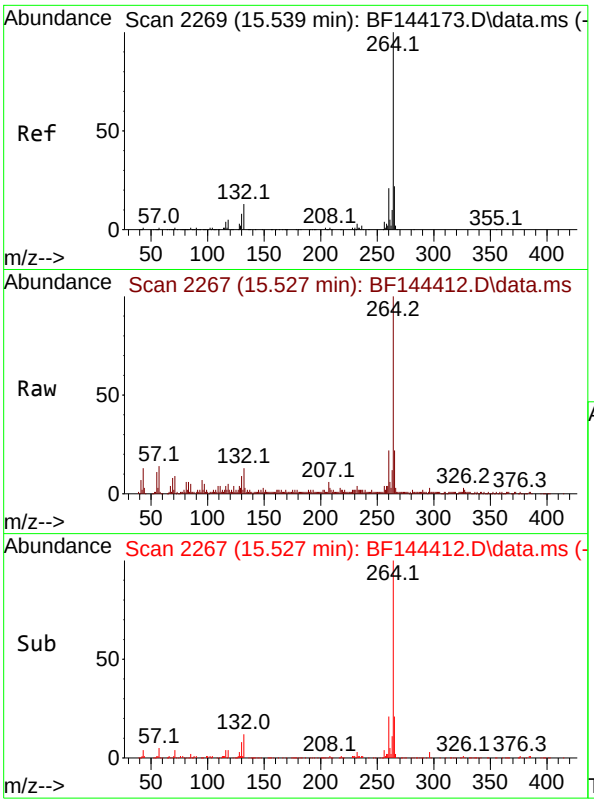


#79
Terphenyl-d14
Concen: 48.570 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:244 Resp: 333521

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.3	7.9
122	7.0	5.6	8.4



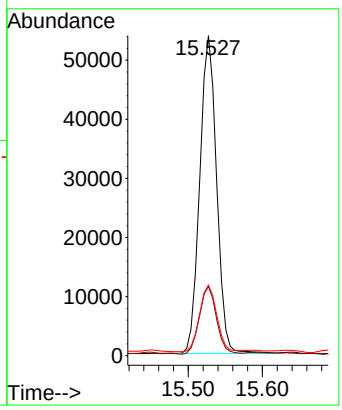


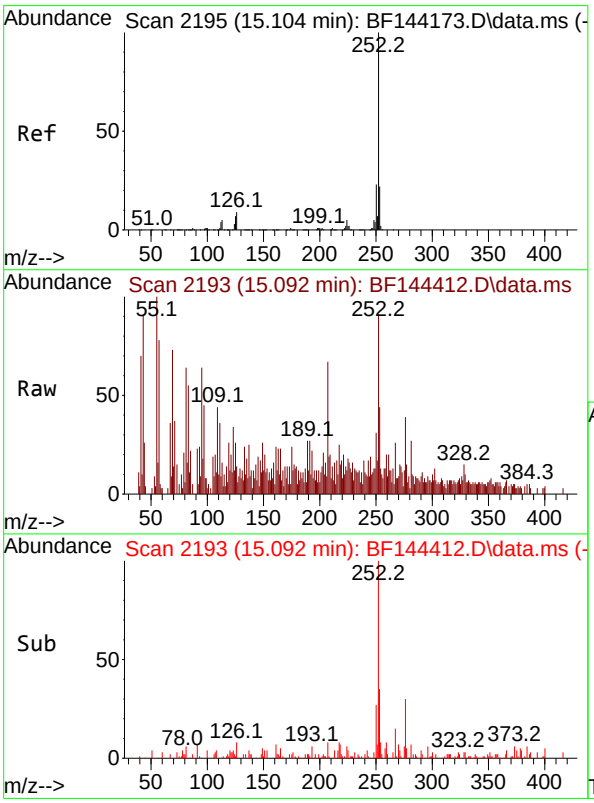
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:264 Resp: 85316

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.1	25.7
265	22.1	17.4	26.0

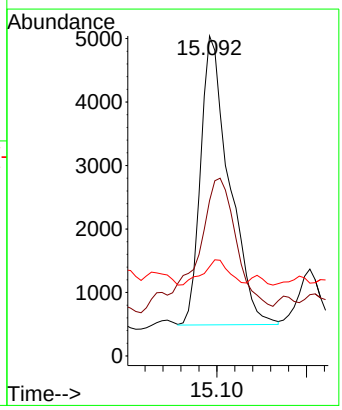


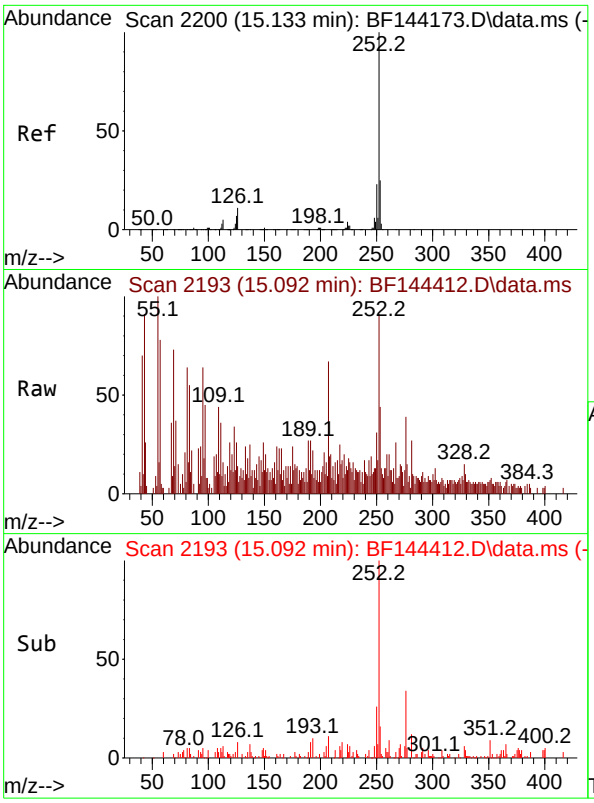


#88
Benzo(b)fluoranthene
Concen: 2.073 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Tgt Ion:252 Resp: 10054

Ion	Ratio	Lower	Upper
252	100		
253	48.6	17.4	26.2#
125	27.9	5.3	7.9#





#89
Benzo(k)fluoranthene
Concen: 2.274 ng
RT: 15.092 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF144412.D
Acq: 02 Dec 2025 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-12-1-2025

Tgt Ion:252 Resp: 10326

Ion	Ratio	Lower	Upper
252	100		
253	48.6	18.0	27.0#
125	27.9	5.4	8.2#