Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142842.D
Acq On : 25 Jun 2025 17:33
Operator : RC/JU
Sample : Q2394-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Quant Time: Jun 25 17:55:06 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	87350	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	336404	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	167914	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	222740	20.000	ng	0.00
76) Chrysene-d12	14.051	240	174720	20.000	ng	0.00
86) Perylene-d12	15.545	264	194765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	524735	100.017	ng	0.00
7) Phenol-d6	6.504	99	633780	102.391	ng	0.00
23) Nitrobenzene-d5	7.440	82	385700	62.889	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	151603	87.736	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	788809	61.712	ng	-0.01
79) Terphenyl-d14	12.992	244	484348	38.303	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	51971	14.436	ng	# 74
25) Isophorone	7.440	82	384603	39.092	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	21196	8.880	ng	# 27
57) 2,4-Dinitrotoluene	9.916	165	21196	6.685	ng	# 28
63) Azobenzene	10.628	77	37010	3.886	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	9953	3.926	ng	# 1

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

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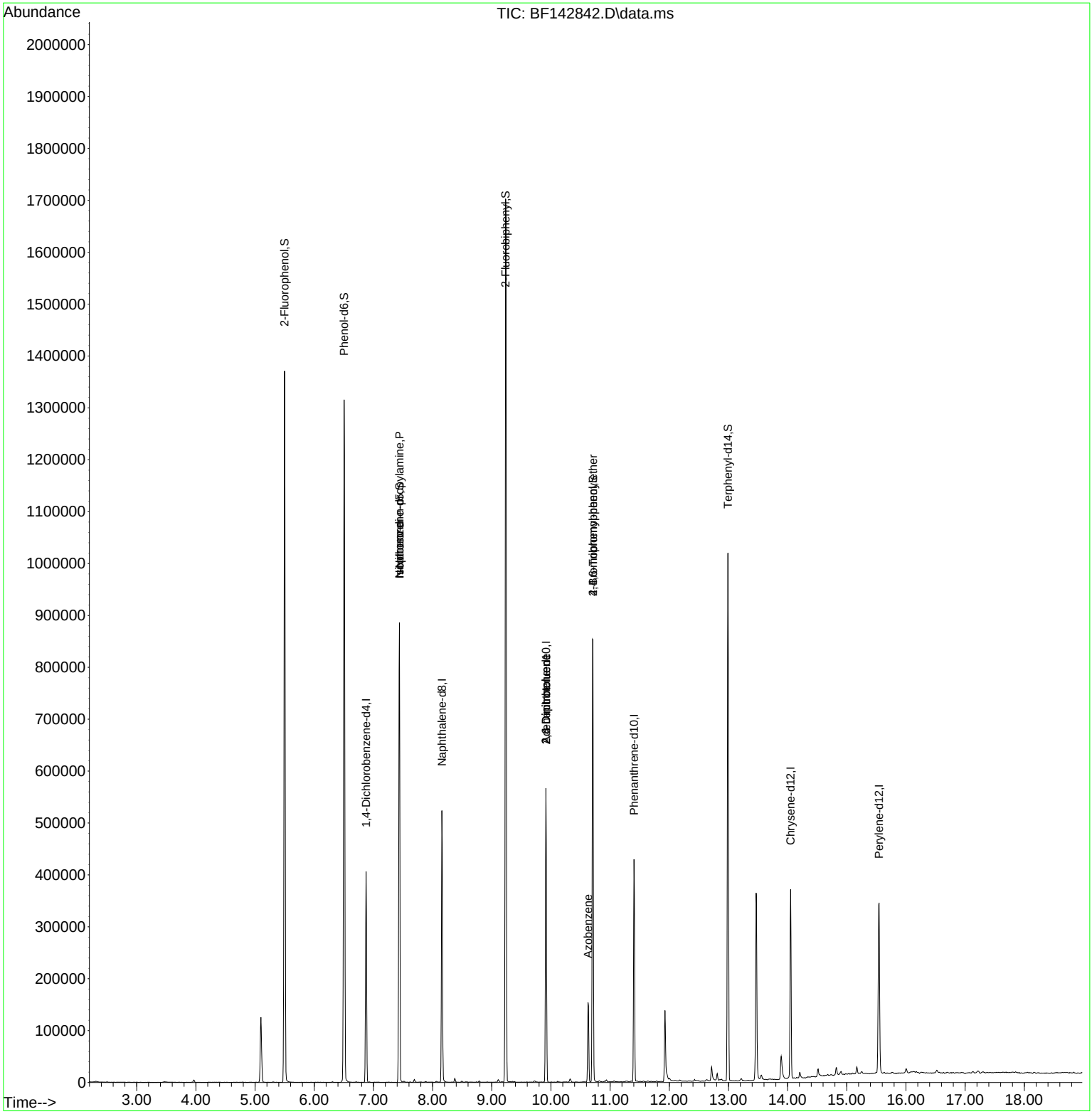
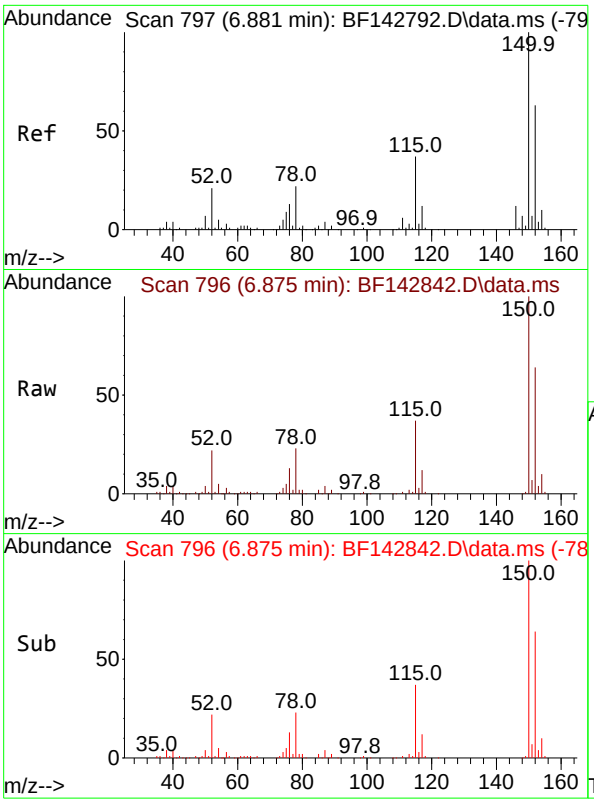


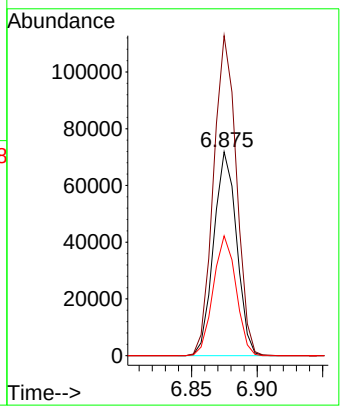


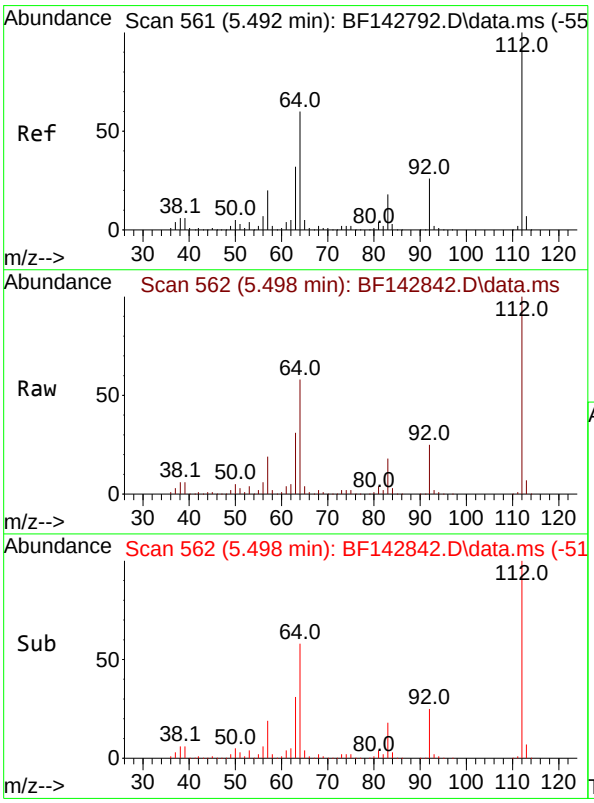
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion:152 Resp: 87350

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	58.8	46.6	69.8

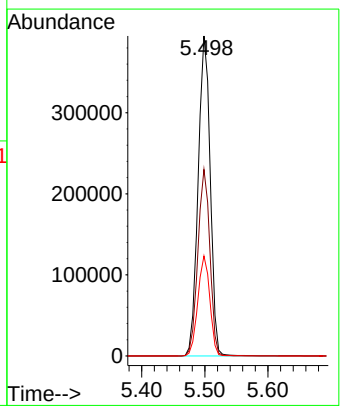


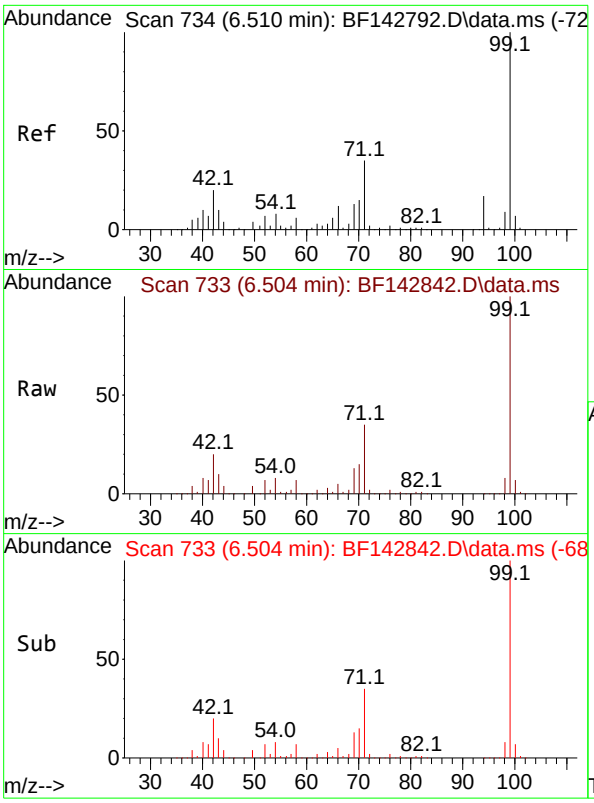


#5
2-Fluorophenol
Concen: 100.017 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:112 Resp: 524735

Ion	Ratio	Lower	Upper
112	100		
64	58.3	48.2	72.2
63	31.3	25.7	38.5



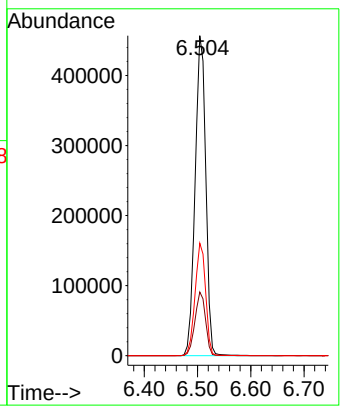


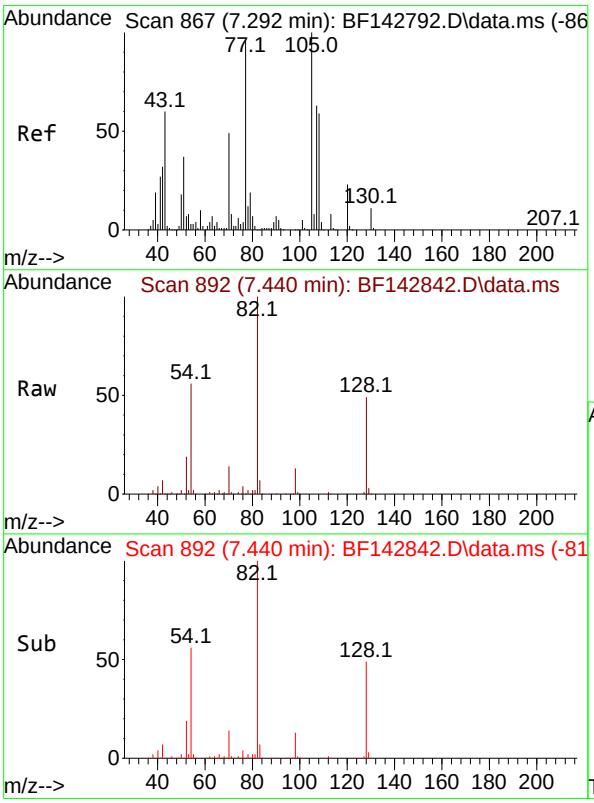
#7
Phenol-d6
Concen: 102.391 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion: 99 Resp: 633780

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	35.1	27.8	41.8

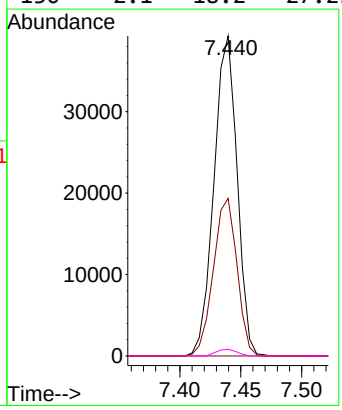


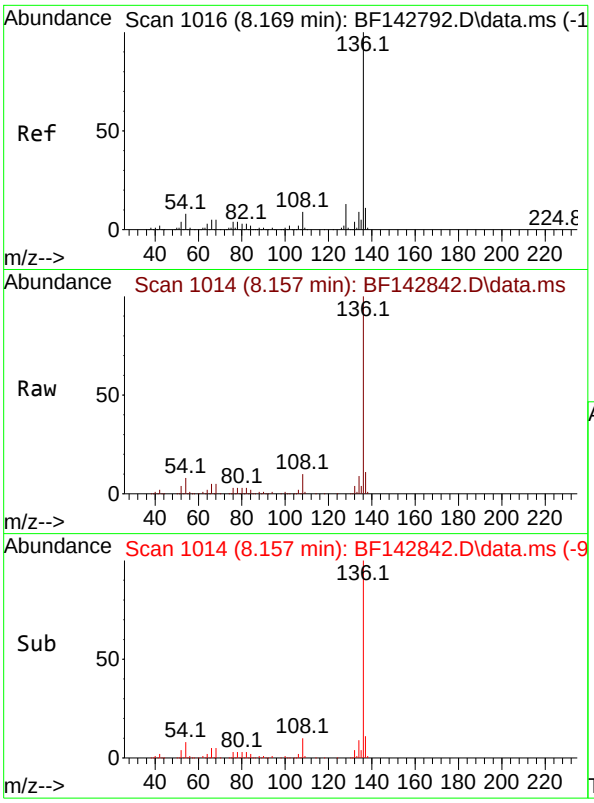


#19
n-Nitroso-di-n-propylamine
Concen: 14.436 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion: 70 Resp: 51971

Ion	Ratio	Lower	Upper
70	100		
42	49.3	52.1	78.1#
101	0.0	8.2	12.2#
130	2.1	18.2	27.2#



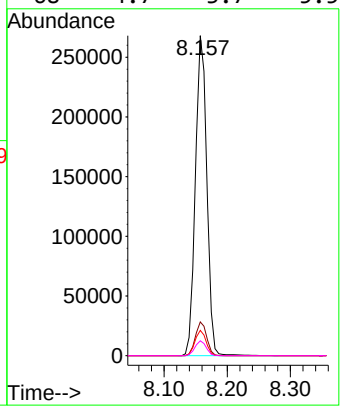


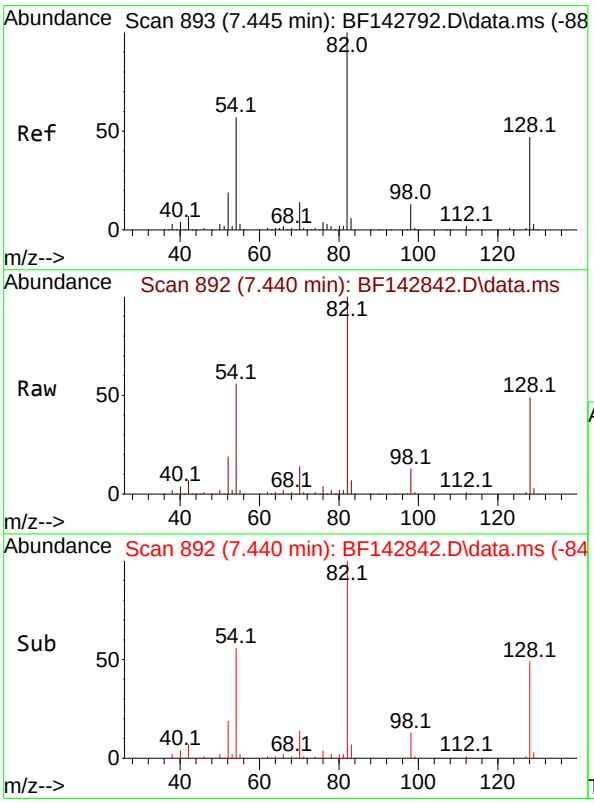
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion:136 Resp: 336404

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.9	6.3	9.5
68	4.7	3.7	5.5

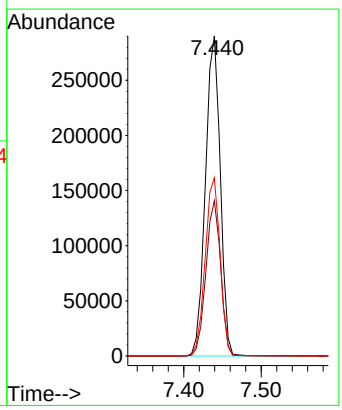


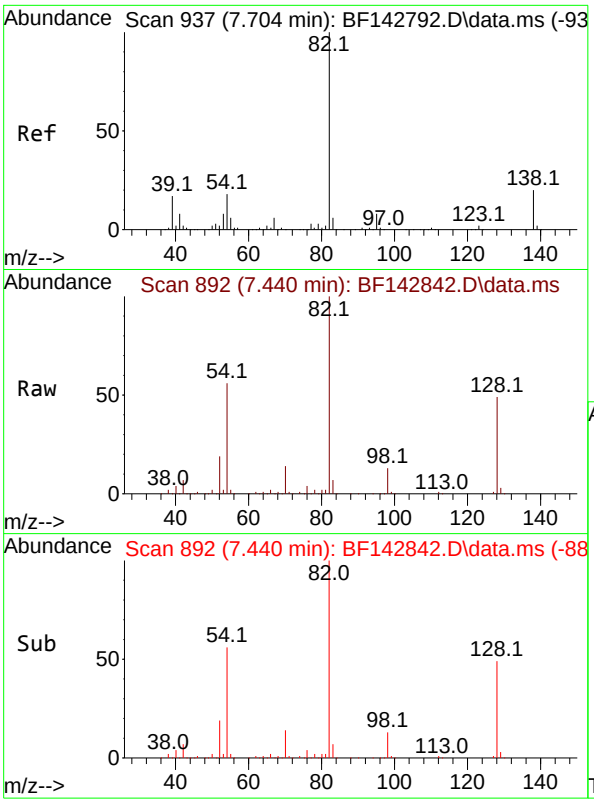


#23
Nitrobenzene-d5
Concen: 62.889 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion: 82 Resp: 385700

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.7	56.5
54	55.6	45.7	68.5



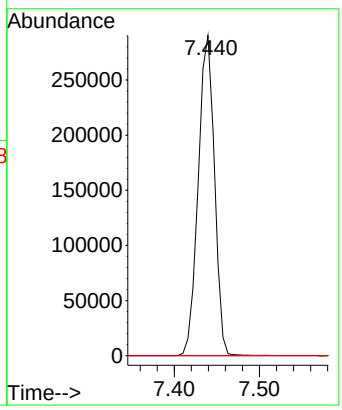


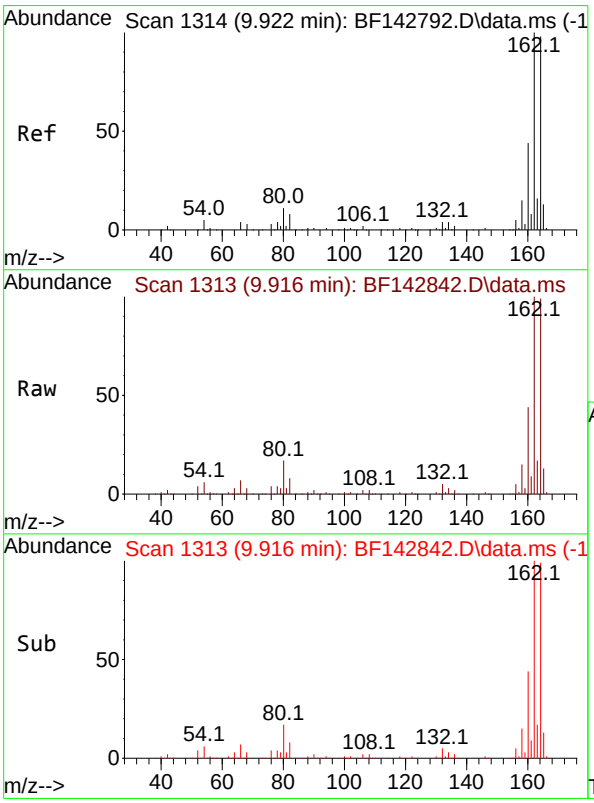
#25
Isophorone
Concen: 39.092 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion: 82 Resp: 384603

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

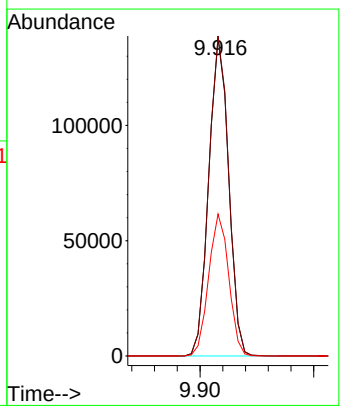


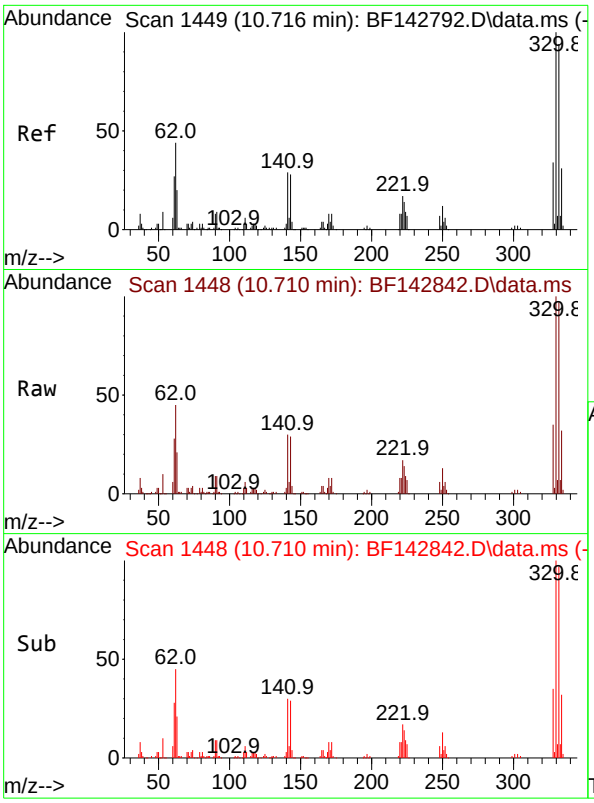


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:164 Resp: 167914

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.8
160	44.6	36.0	54.0



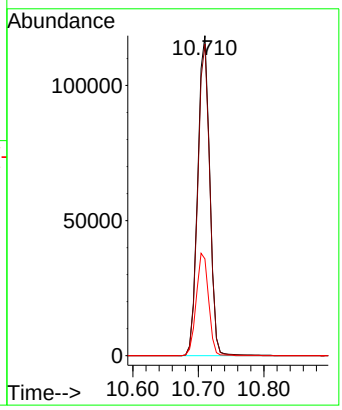


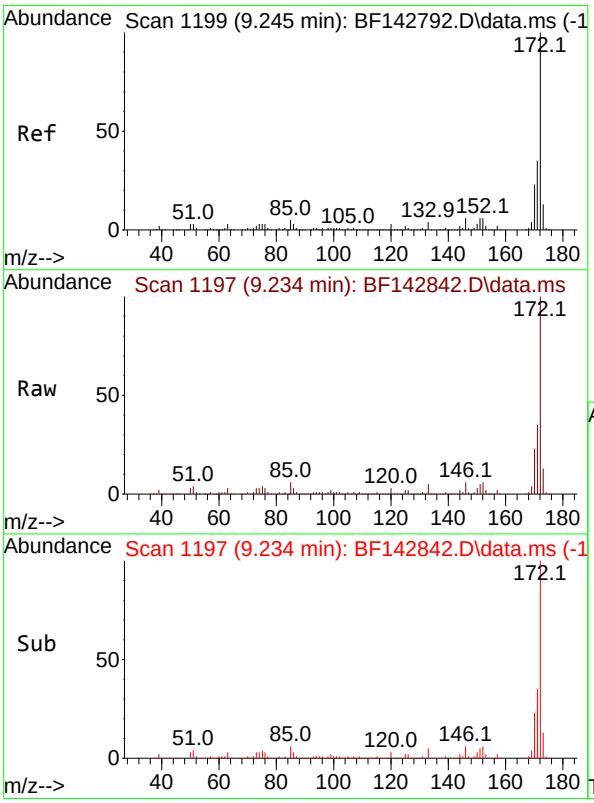
#42
2,4,6-Tribromophenol
Concen: 87.736 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion:330 Resp: 151603

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.0	112.6
141	32.6	25.3	37.9

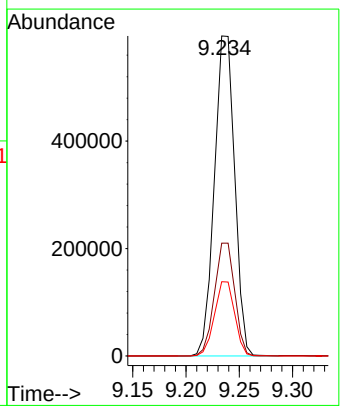


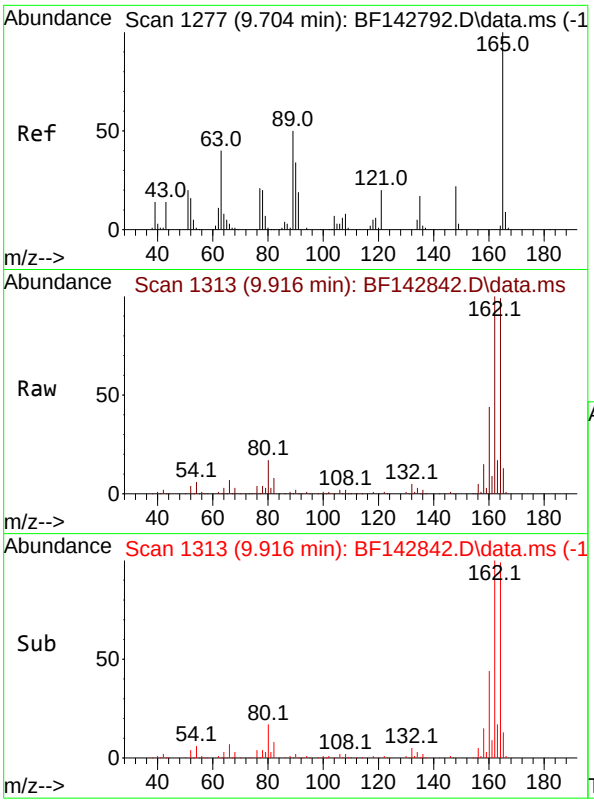


#45
2-Fluorobiphenyl
Concen: 61.712 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:172 Resp: 788809

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.2	18.5	27.7



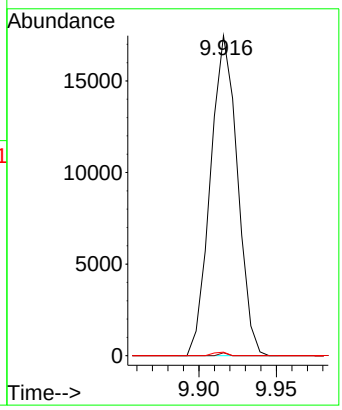


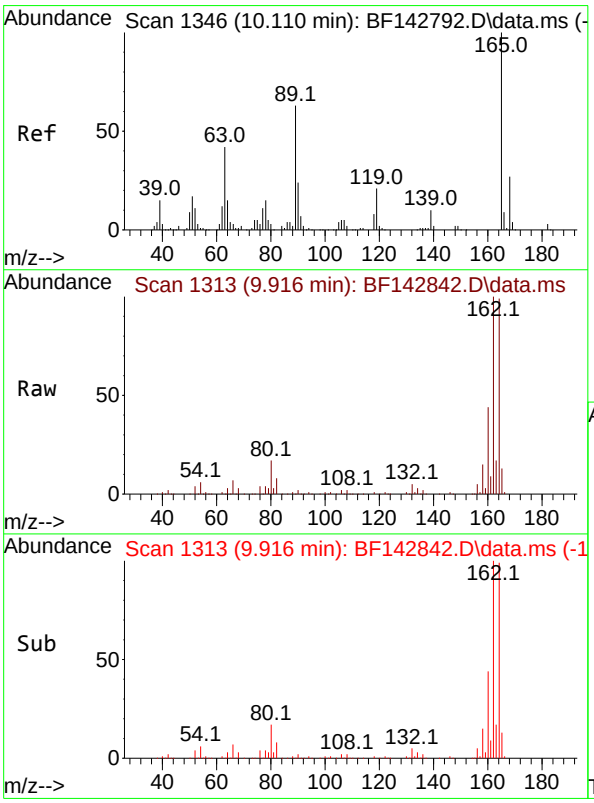
#51
2,6-Dinitrotoluene
Concen: 8.880 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion:165 Resp: 21196

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.2	66.4#
89	1.1	39.8	59.8#

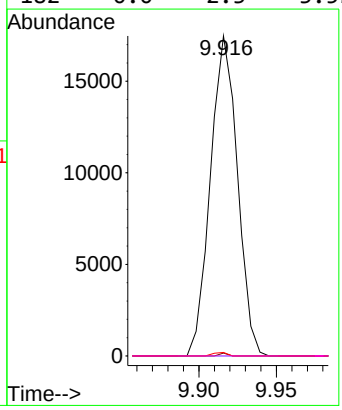


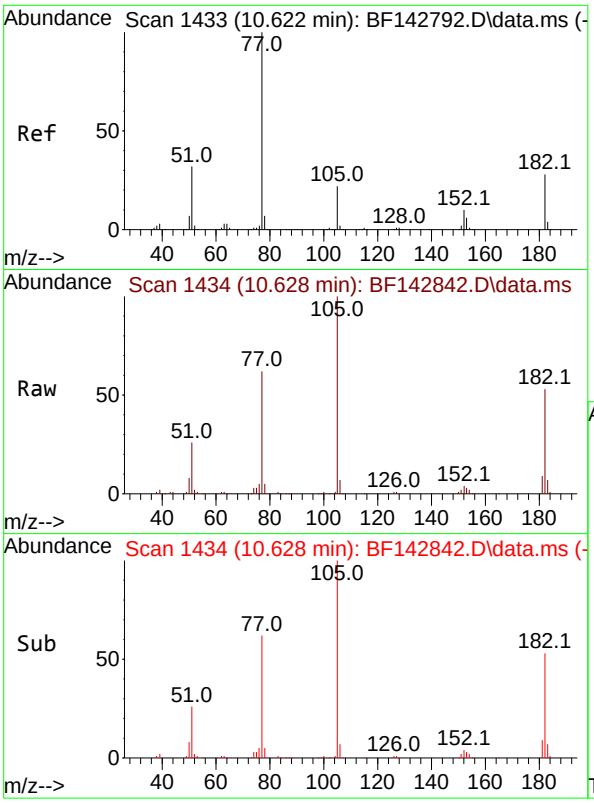


#57
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:165 Resp: 21196

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.9	50.9#
89	1.1	50.6	75.8#
182	0.0	2.3	3.5#



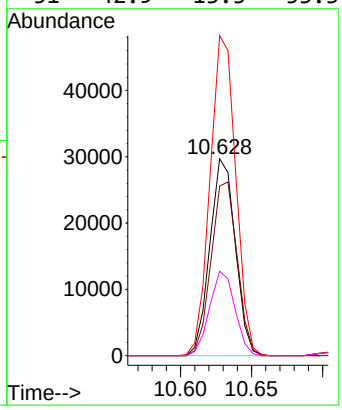


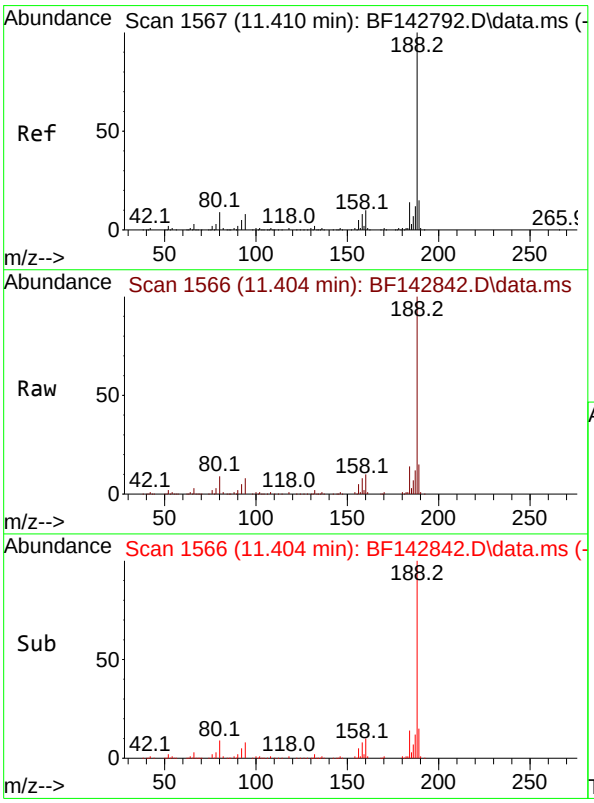
#63
Azobenzene
Concen: 3.886 ng
RT: 10.628 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion: 77 Resp: 37010

Ion	Ratio	Lower	Upper
77	100		
182	86.2	7.7	47.7#
105	162.5	1.9	41.9#
51	42.9	13.3	53.3

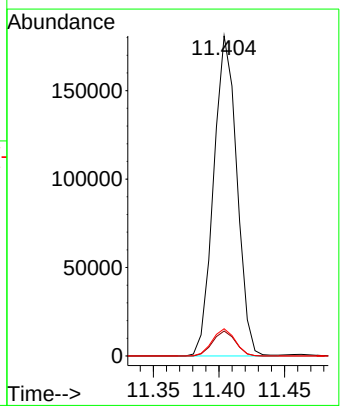


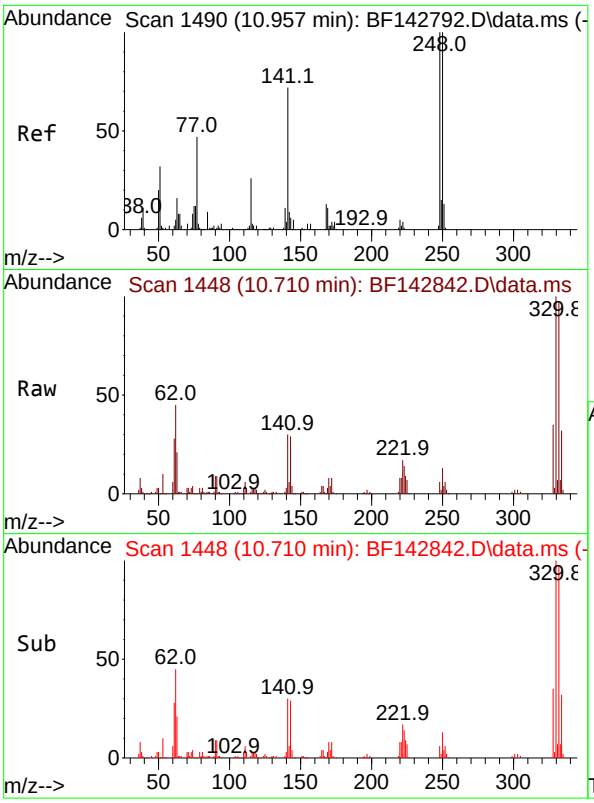


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:188 Resp: 222740

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.5	6.9	10.3



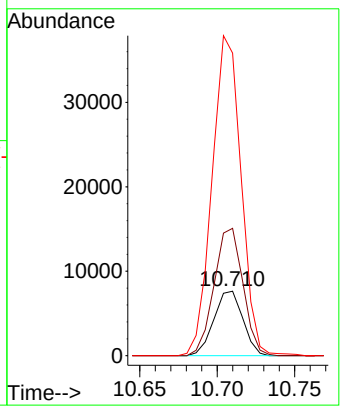


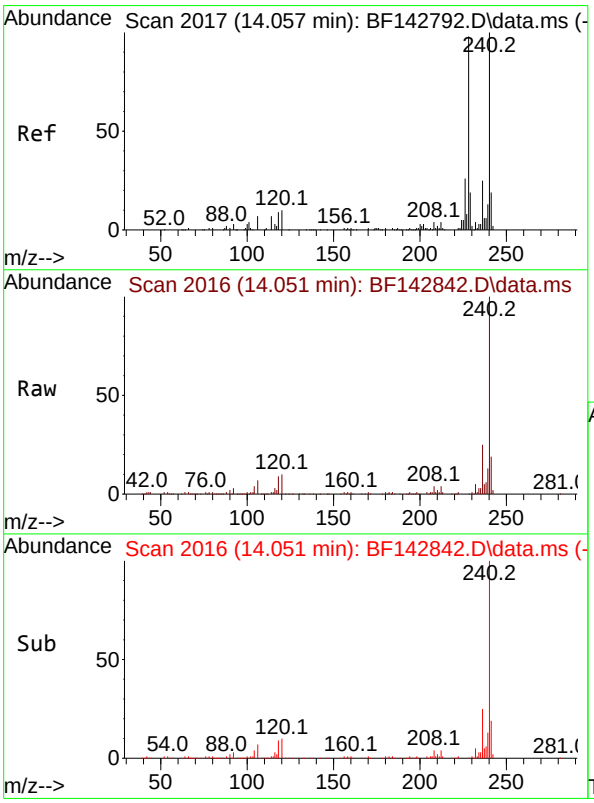
#67
4-Bromophenyl-phenylether
Concen: 3.926 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion:248 Resp: 9953

Ion	Ratio	Lower	Upper
248	100		
250	197.7	79.8	119.8#
141	469.8	57.8	86.6#

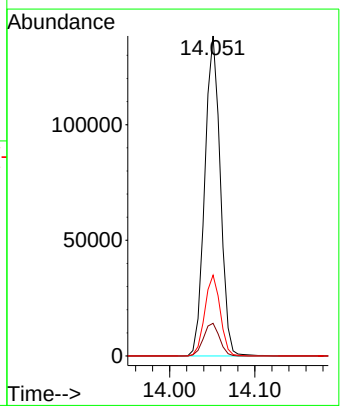


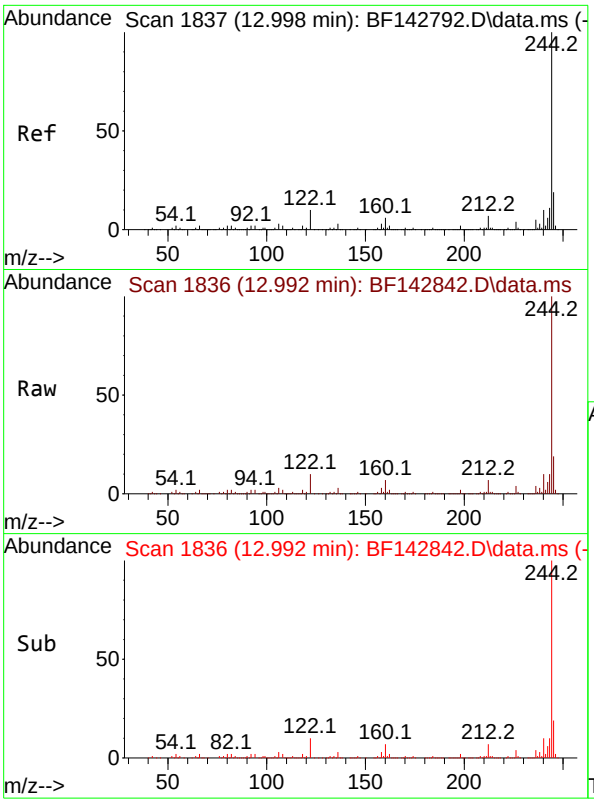


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:240 Resp: 174720

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	25.3	19.8	29.8



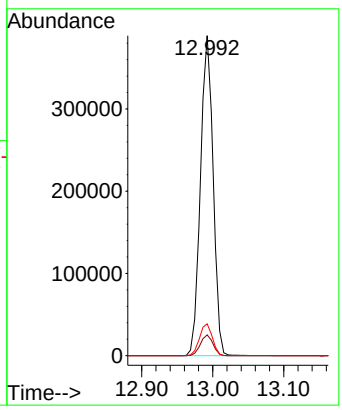


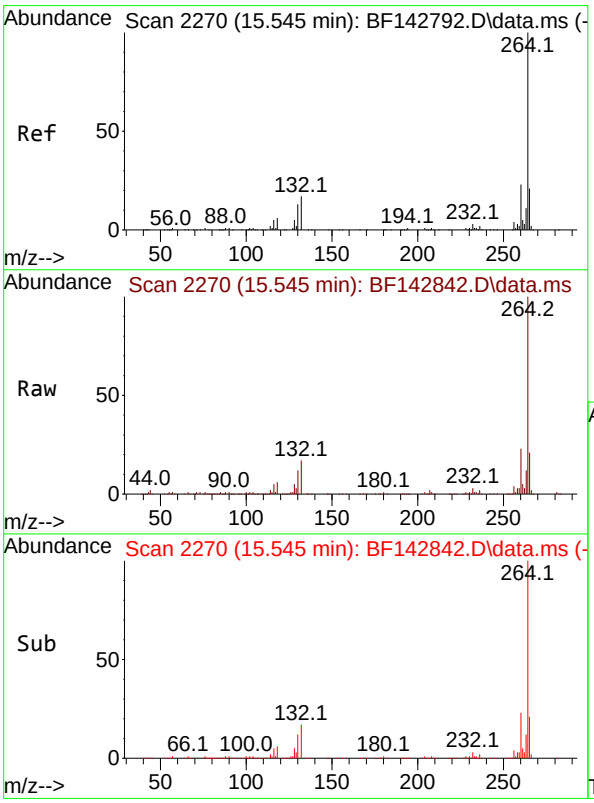
#79
Terphenyl-d14
Concen: 38.303 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
MH-K/L

Tgt Ion:244 Resp: 484348

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	8.2	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142842.D
Acq: 25 Jun 2025 17:33

Tgt Ion:264 Resp: 194765

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.0	16.6	25.0