Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144209.D
Acq On : 11 Nov 2025 18:31
Operator : RC/JU
Sample : Q3581-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Time: Nov 12 03:44:11 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	6.869	152	79055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	301405	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	174565	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	332908	20.000	ng	0.00
76) Chrysene-d12	14.057	240	223121	20.000	ng	0.00
86) Perylene-d12	15.539	264	205875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	214387	42.437	ng	0.00
7) Phenol-d6	6.498	99	253794	44.337	ng	0.00
23) Nitrobenzene-d5	7.434	82	153741	29.460	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	96331	43.975	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	333422	28.210	ng	0.00
79) Terphenyl-d14	12.992	244	460408	32.777	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	22021	5.844	ng	# 77
25) Isophorone	7.434	82	153739	15.574	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21903	9.356	ng	# 27
57) 2,4-Dinitrotoluene	9.910	165	21903	6.989	ng	# 28
63) Azobenzene	10.627	77	36714	3.700	ng	# 1

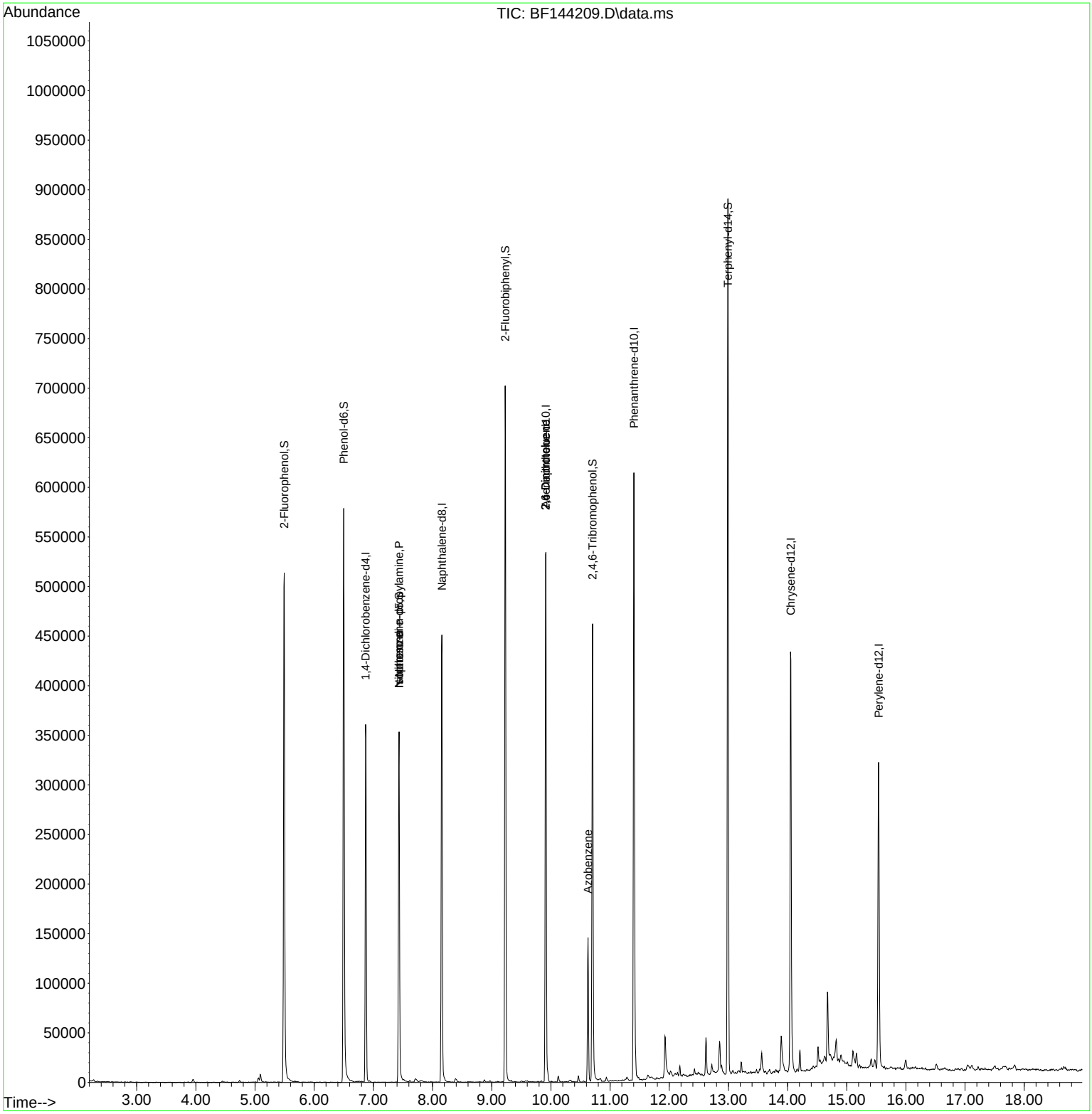
(#) = qualifier out of range (m) = manual integration (+) = signals summed

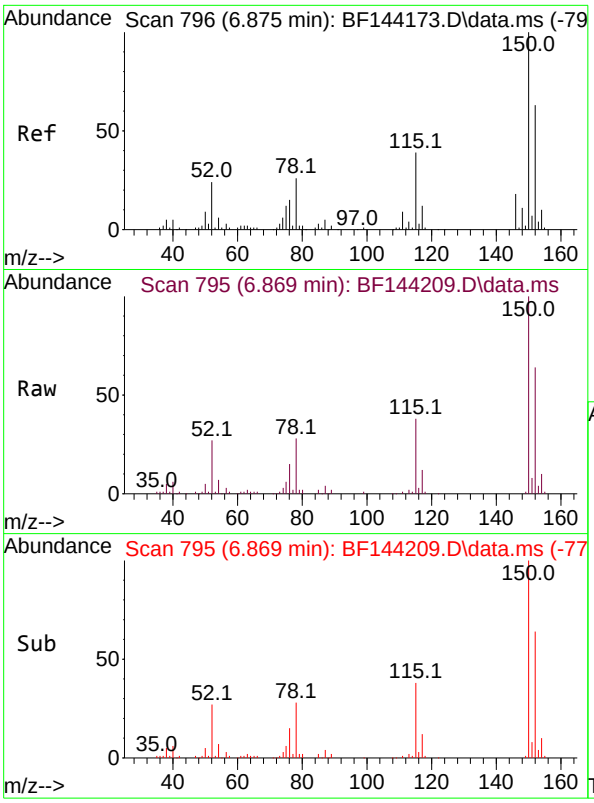
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144209.D
Acq On : 11 Nov 2025 18:31
Operator : RC/JU
Sample : Q3581-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Quant Time: Nov 12 03:44:11 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



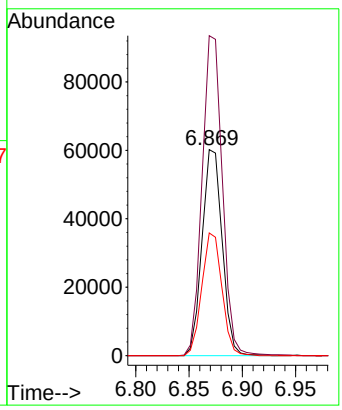


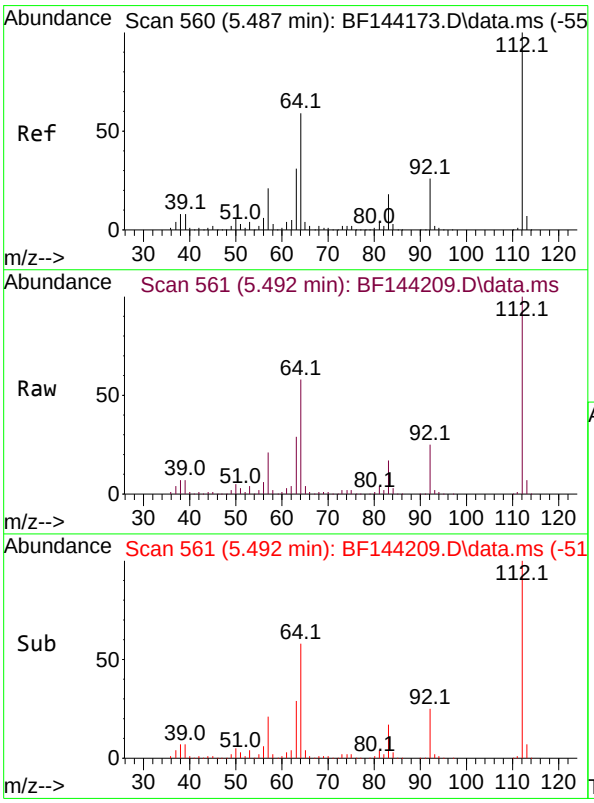
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:152 Resp: 79055

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	59.5	49.5	74.3

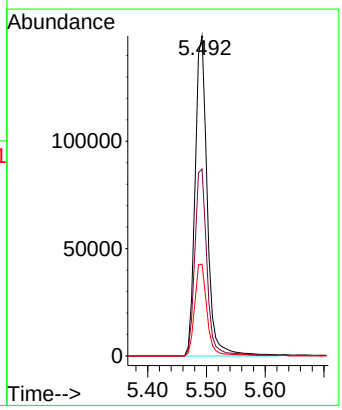


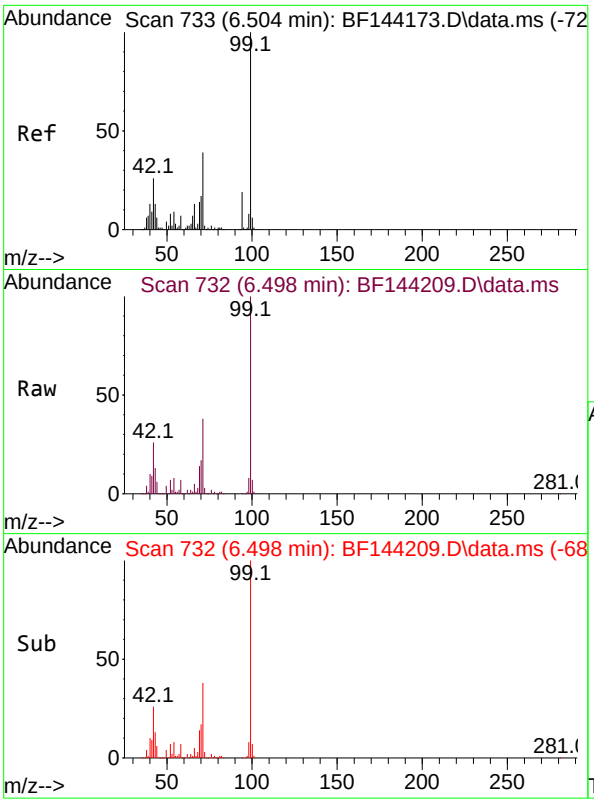


#5
2-Fluorophenol
Concen: 42.437 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:112 Resp: 214387

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.2	70.8
63	28.7	24.4	36.6



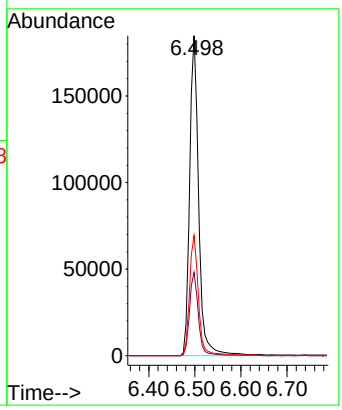


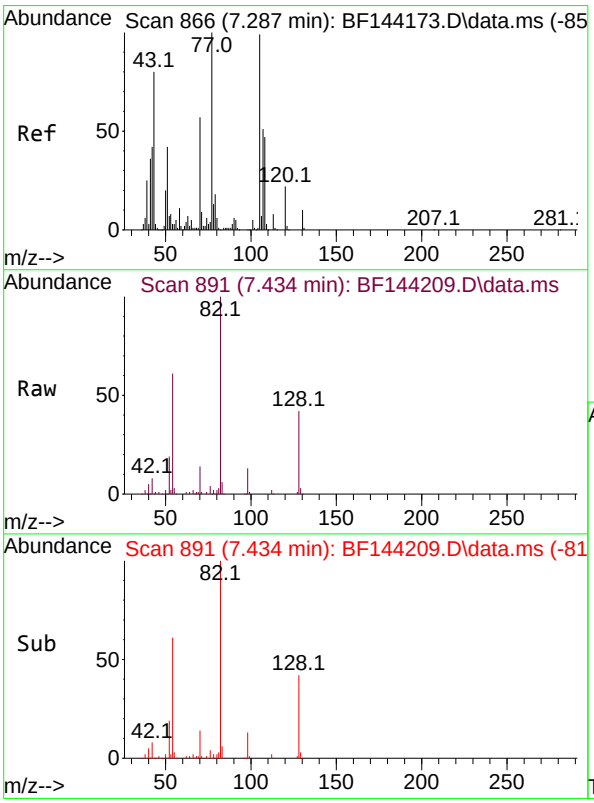
#7
Phenol-d6
Concen: 44.337 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion: 99 Resp: 253794

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.9	31.3
71	37.5	31.4	47.2

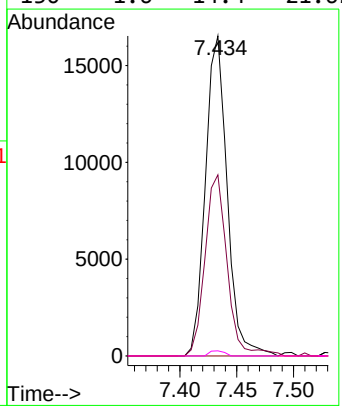


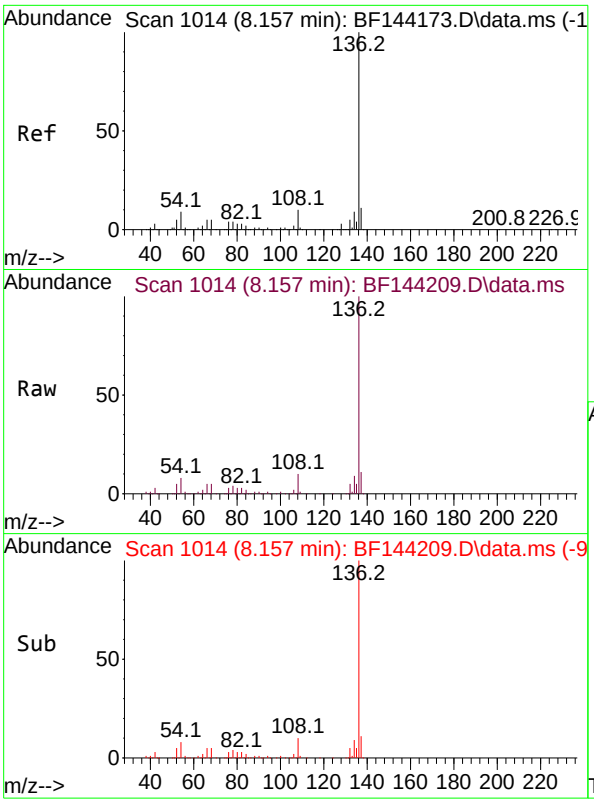


#19
n-Nitroso-di-n-propylamine
Concen: 5.844 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.159 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion: 70 Resp: 22021

Ion	Ratio	Lower	Upper
70	100		
42	56.6	58.3	87.5#
101	0.0	7.0	10.6#
130	1.6	14.4	21.6#



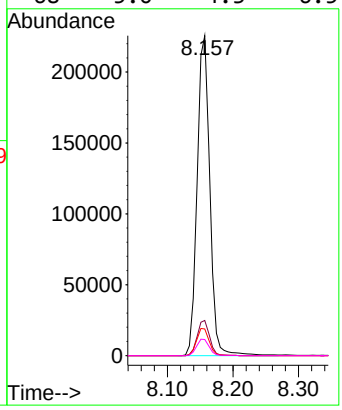


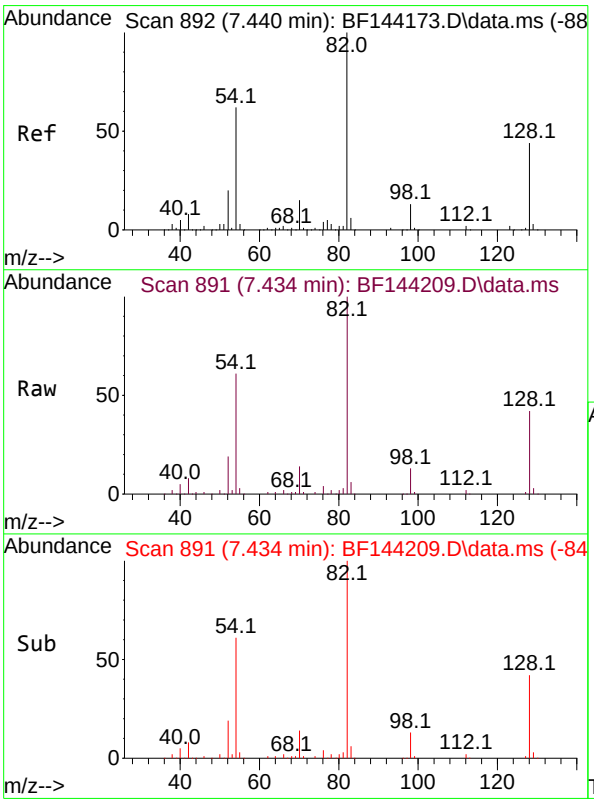
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:136 Resp: 301405

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.3	7.0	10.6
68	5.0	4.3	6.5

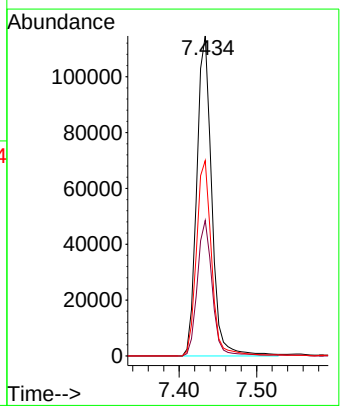


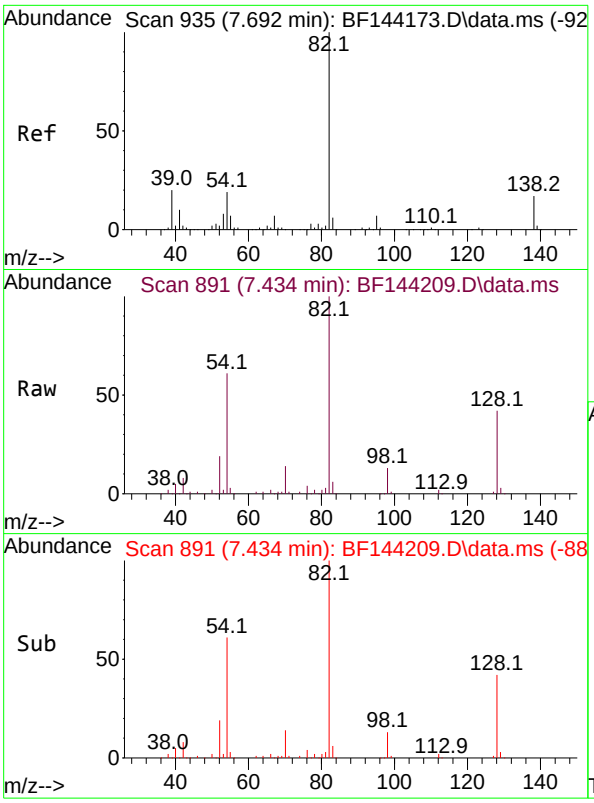


#23
Nitrobenzene-d5
Concen: 29.460 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion: 82 Resp: 153741

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.7	52.1
54	61.0	49.5	74.3



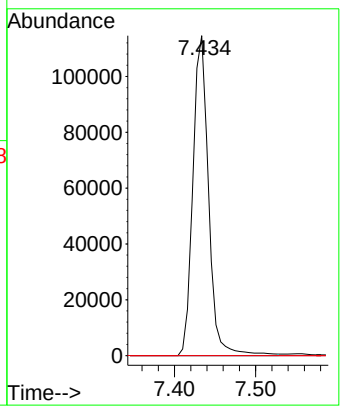


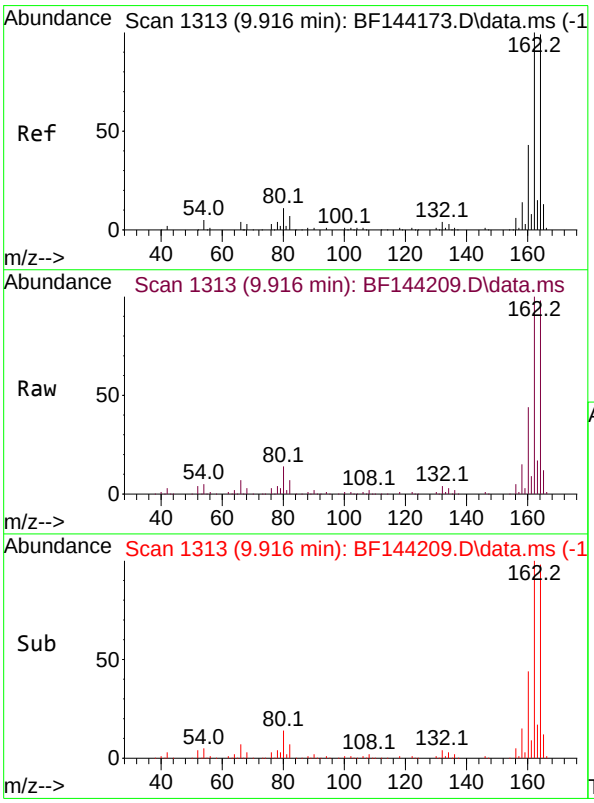
#25
Isophorone
Concen: 15.574 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.253 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion: 82 Resp: 153739

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

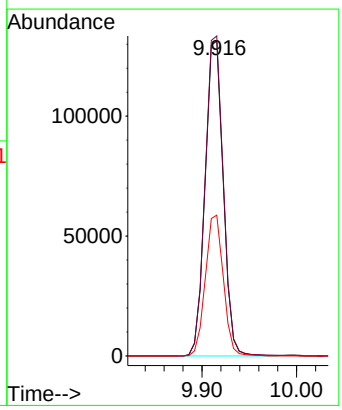


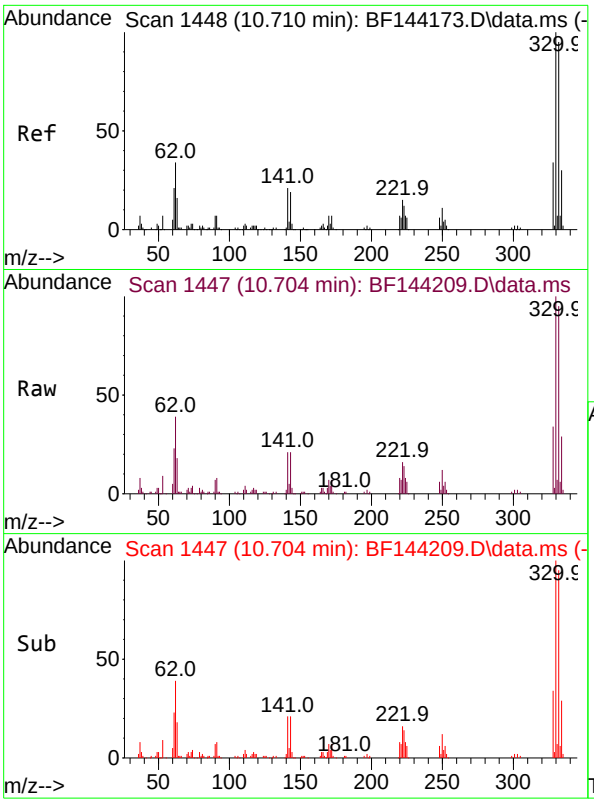


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:164 Resp: 174565

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.1	121.7
160	44.7	34.5	51.7



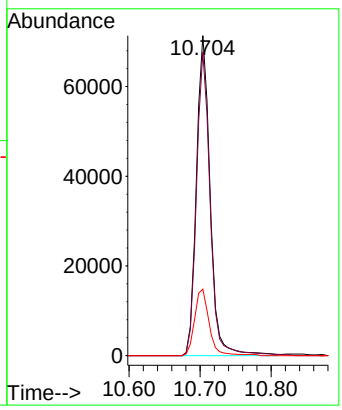


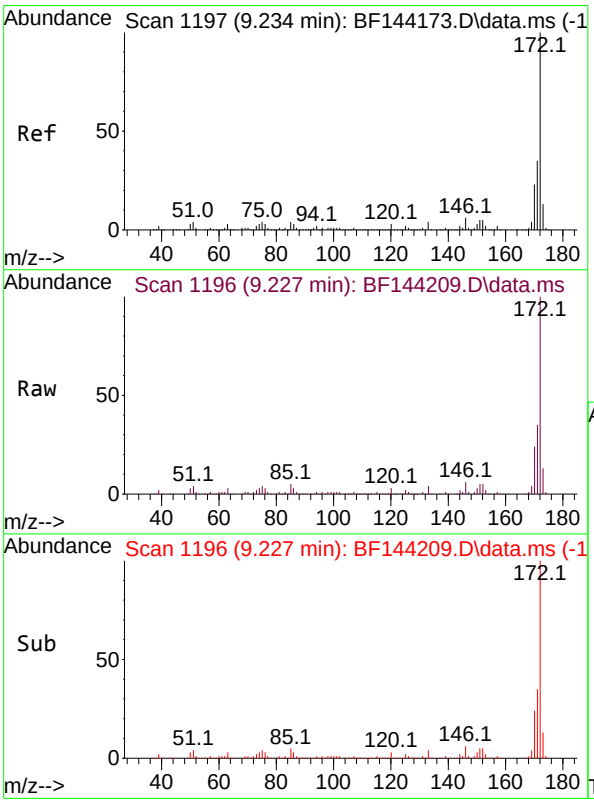
#42
2,4,6-Tribromophenol
Concen: 43.975 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:330 Resp: 96331

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.7	115.1
141	21.6	17.8	26.8

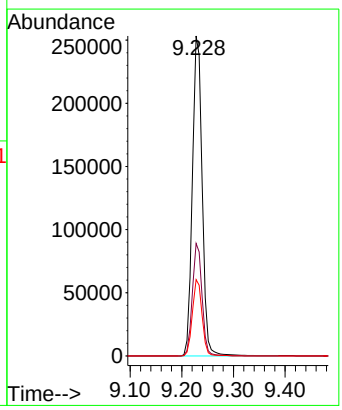


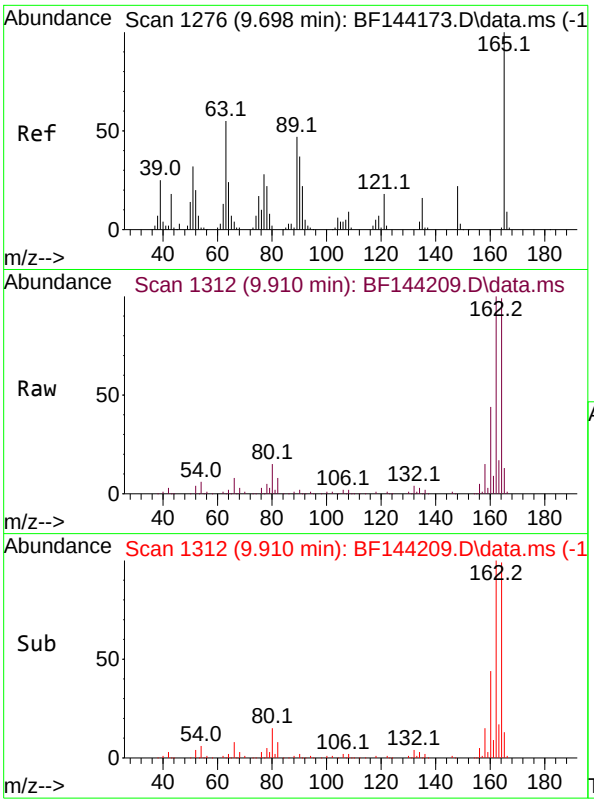


#45
2-Fluorobiphenyl
Concen: 28.210 ng
RT: 9.227 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:172 Resp: 333422

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.8	18.6	28.0



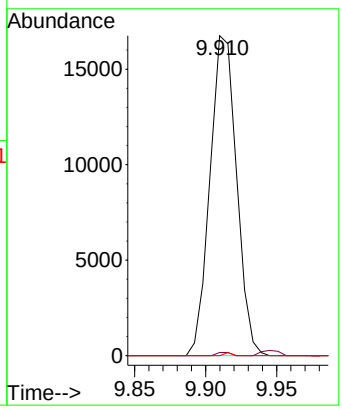


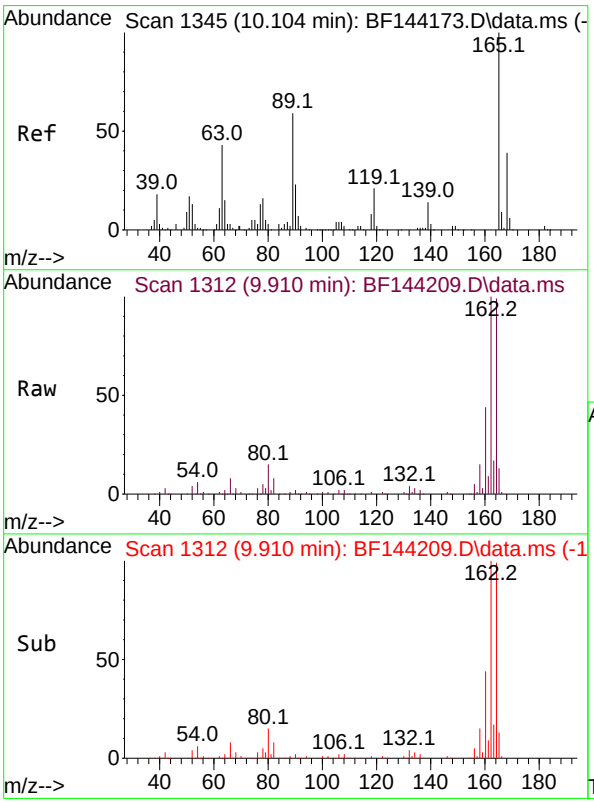
#51
2,6-Dinitrotoluene
Concen: 9.356 ng
RT: 9.910 min Scan# 1
Delta R.T. 0.217 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:165 Resp: 21903

Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.8	65.8#
89	0.0	37.5	56.3#

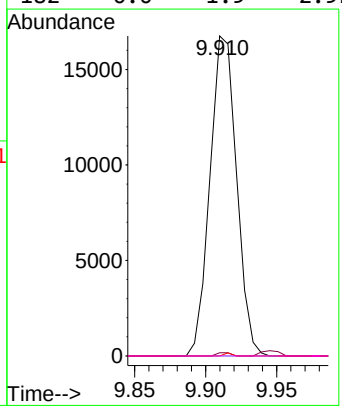


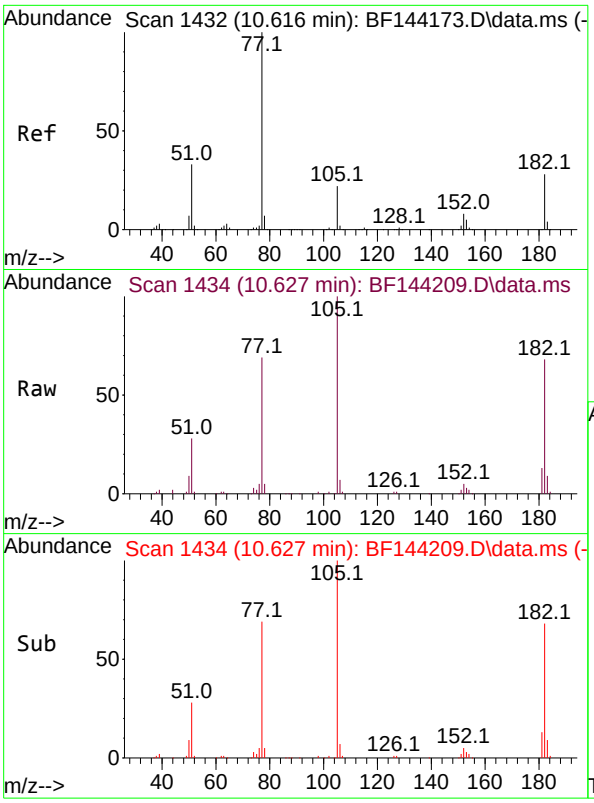


#57
2,4-Dinitrotoluene
Concen: 6.989 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.188 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:165 Resp: 21903

Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.5	53.3#
89	0.0	47.4	71.2#
182	0.0	1.9	2.9#



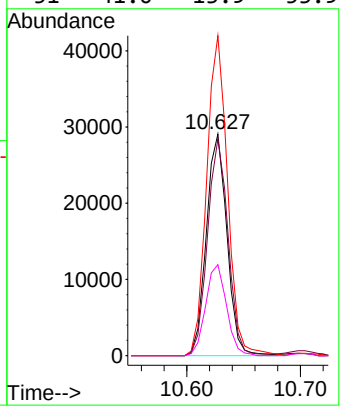


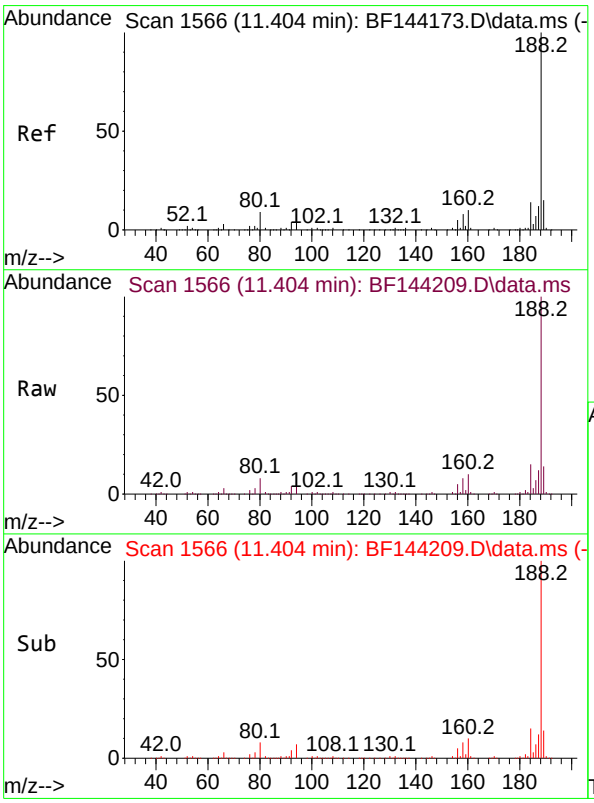
#63
Azobenzene
Concen: 3.700 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion: 77 Resp: 36714

Ion	Ratio	Lower	Upper
77	100		
182	97.7	8.1	48.1#
105	144.4	2.0	42.0#
51	41.0	13.9	53.9

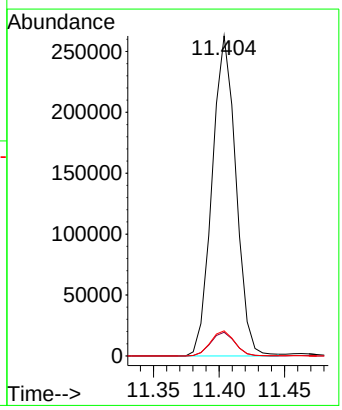


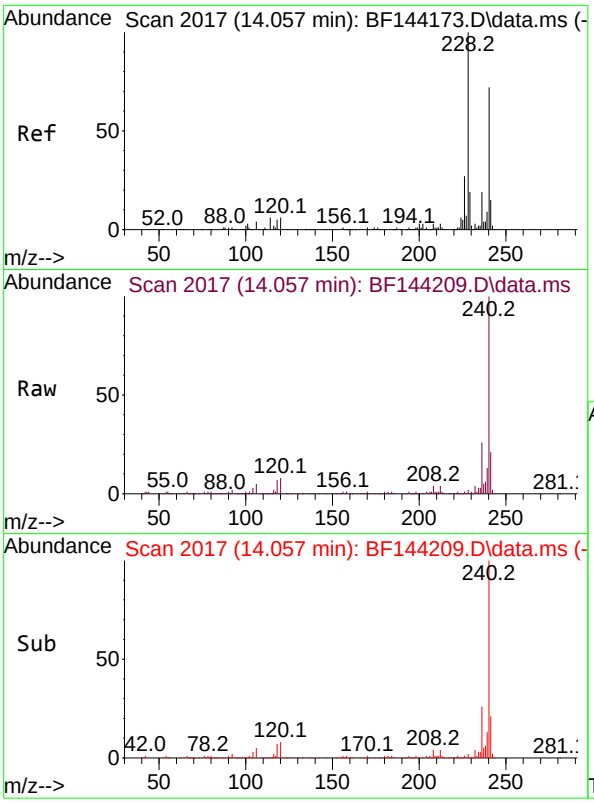


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:188 Resp: 332908

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	7.8	6.9	10.3



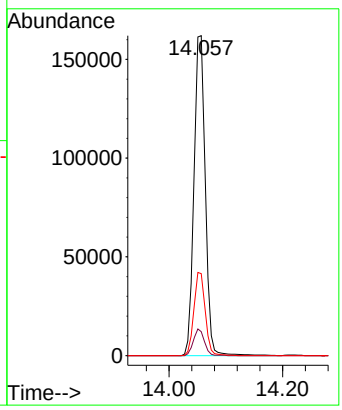


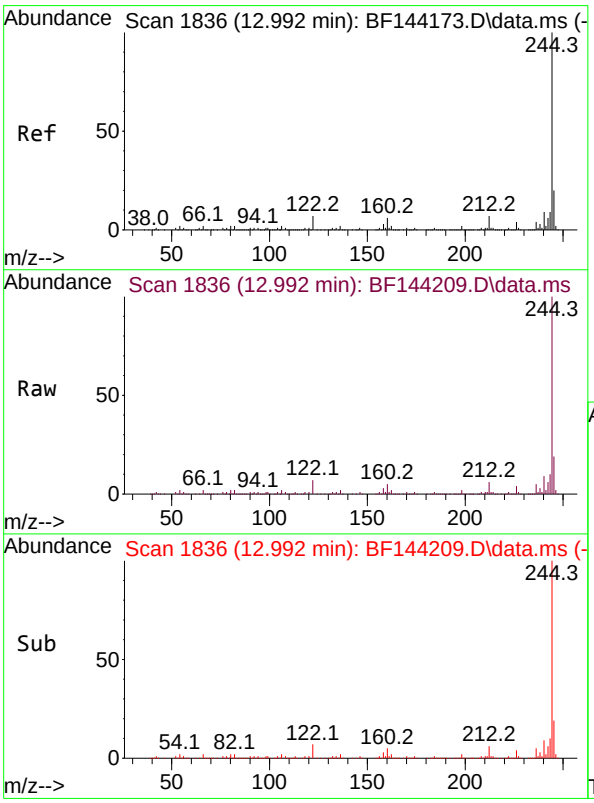
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:240 Resp: 223121

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	25.7	21.4	32.2

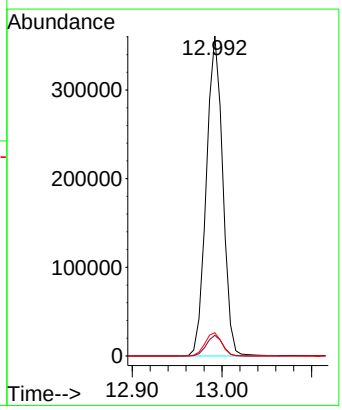


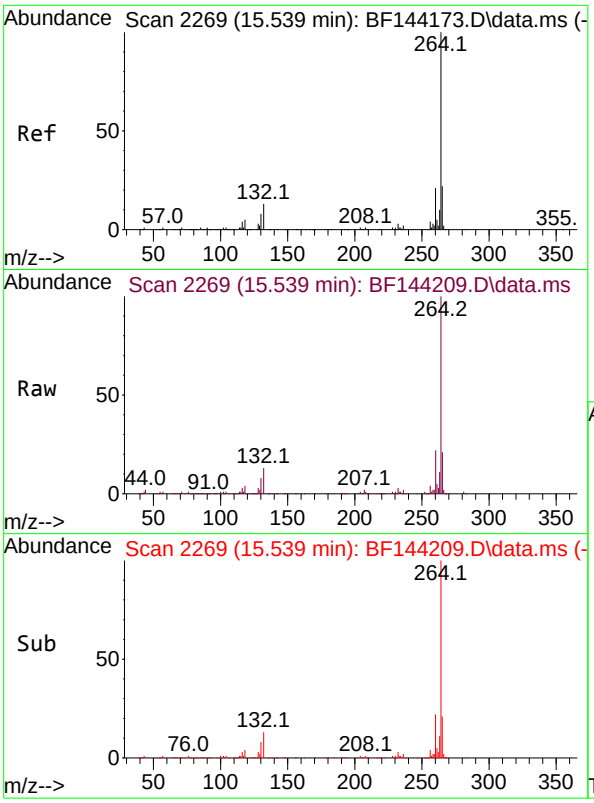


#79
Terphenyl-d14
Concen: 32.777 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:244 Resp: 460408

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	7.2	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:264 Resp: 205875

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.1	25.7
265	21.4	17.4	26.0