Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142029.D
Acq On : 21 Mar 2025 14:52
Operator : RC/JU
Sample : Q1619-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Mar 21 15:14:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	138515	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	542201	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	295807	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	468378	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	287362	20.000	ng	0.00
86) Perylene-d12	15.504	264	314940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	738811	89.019	ng	0.00
7) Phenol-d6	6.492	99	978689	92.617	ng	-0.01
23) Nitrobenzene-d5	7.434	82	520846	54.059	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	295281	78.685	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1157136	59.491	ng	-0.01
79) Terphenyl-d14	12.980	244	1172553	60.327	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	72345	10.655	ng	# 77
25) Isophorone	7.434	82	505538	29.684	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	38094	8.832	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	38094	6.762	ng	# 24
63) Azobenzene	10.622	77	62494	3.254	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	18835	3.202	ng	# 1
77) Benzidine	12.980	184	15662	3.906	ng	# 88

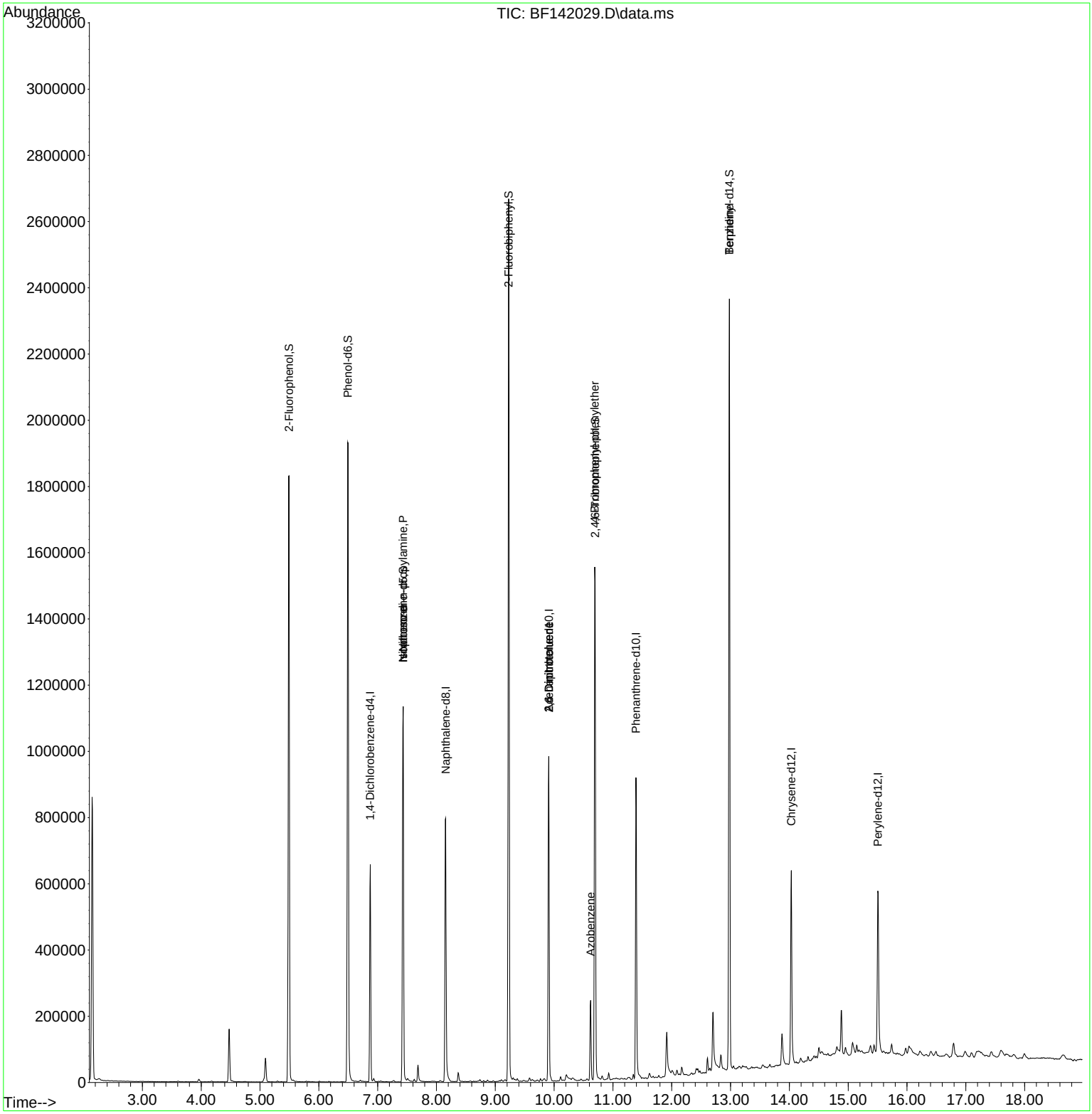
(#) = qualifier out of range (m) = manual integration (+) = signals summed

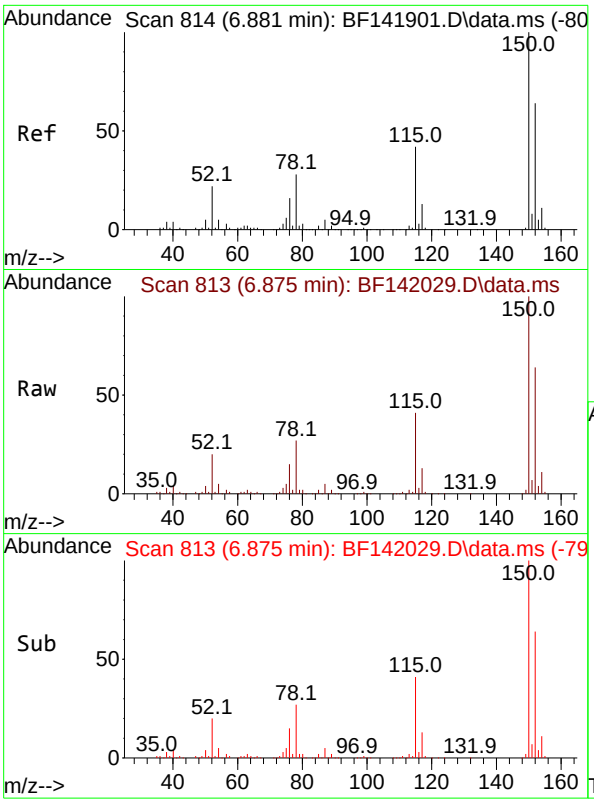
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142029.D
Acq On : 21 Mar 2025 14:52
Operator : RC/JU
Sample : Q1619-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Mar 21 15:14:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



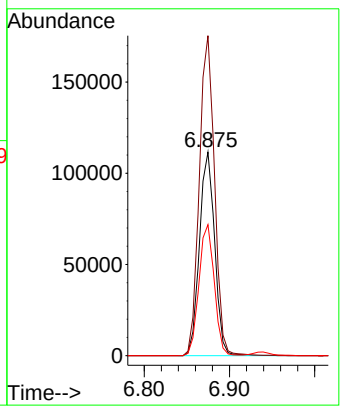


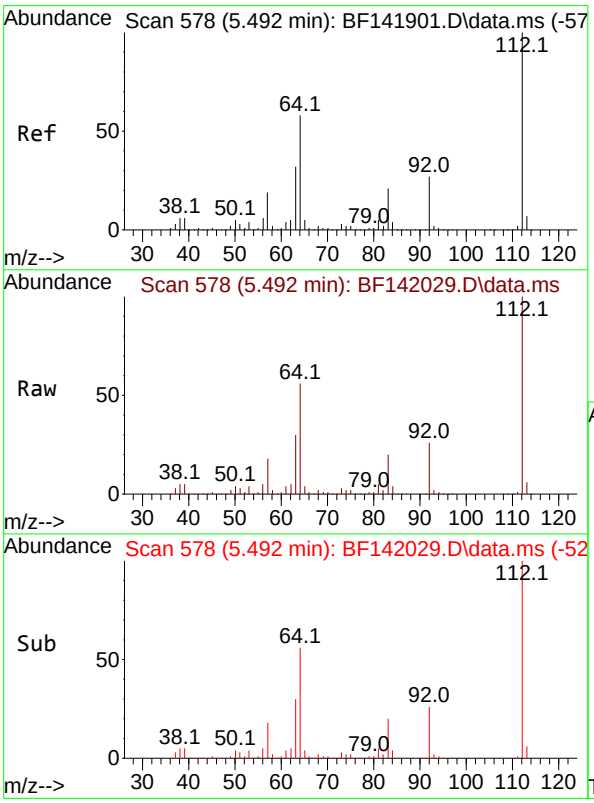
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 138515

Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.4	191.2
115	64.4	51.9	77.9

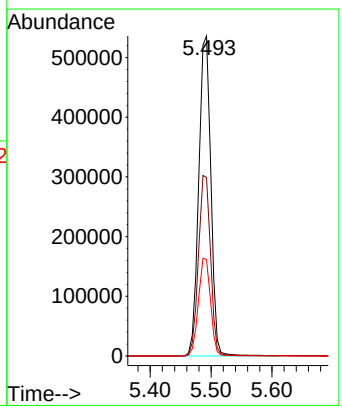


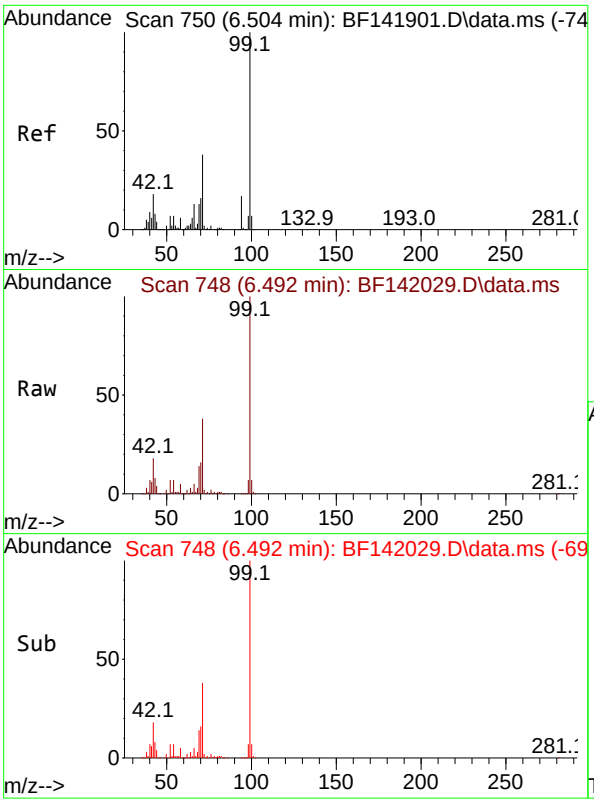


#5
2-Fluorophenol
Concen: 89.019 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:112 Resp: 738811

Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.5	69.7
63	30.1	25.4	38.2



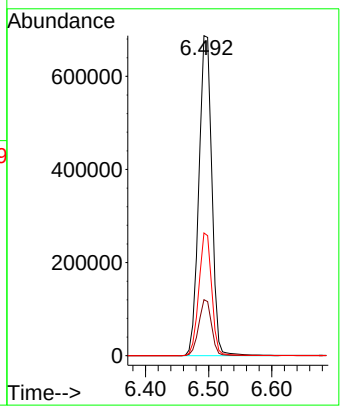


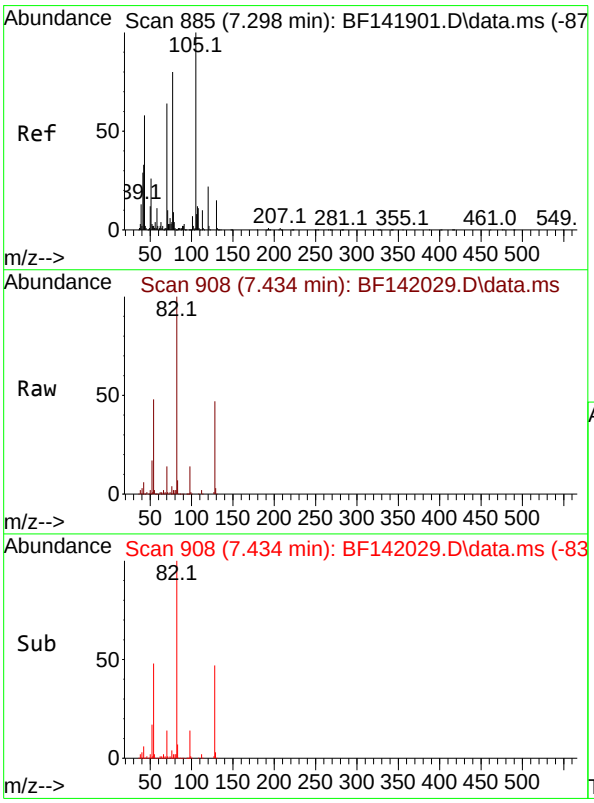
#7
Phenol-d6
Concen: 92.617 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 978689

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	38.4	30.8	46.2

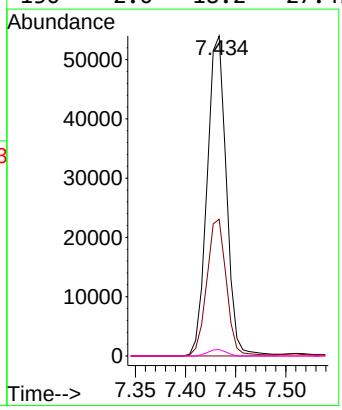


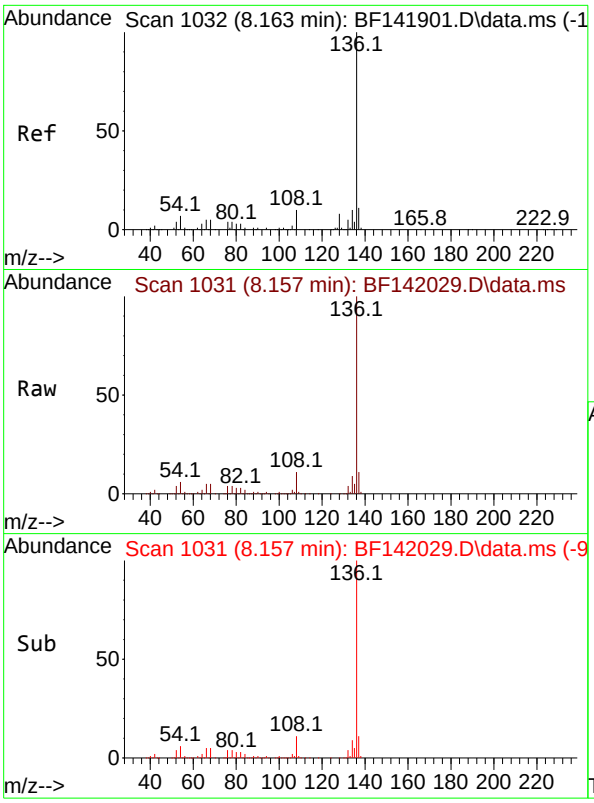


#19
n-Nitroso-di-n-propylamine
Concen: 10.655 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 70 Resp: 72345

Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.4	62.0
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



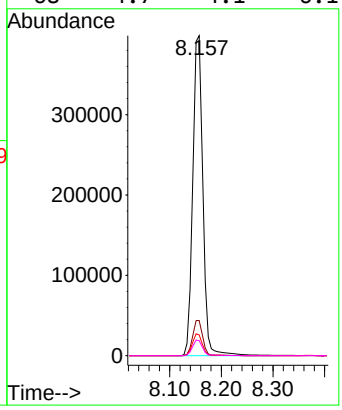


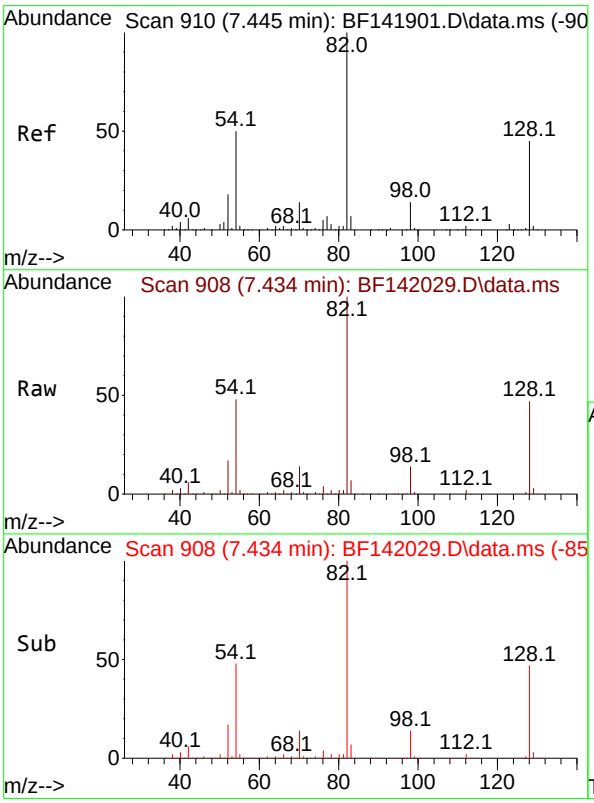
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 542201

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.8	8.8
68	4.7	4.1	6.1

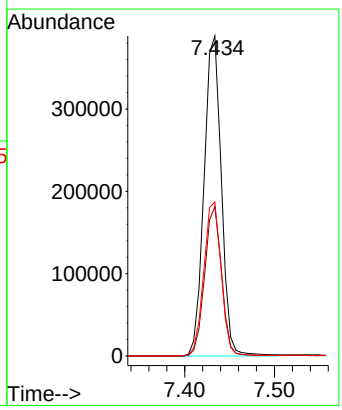


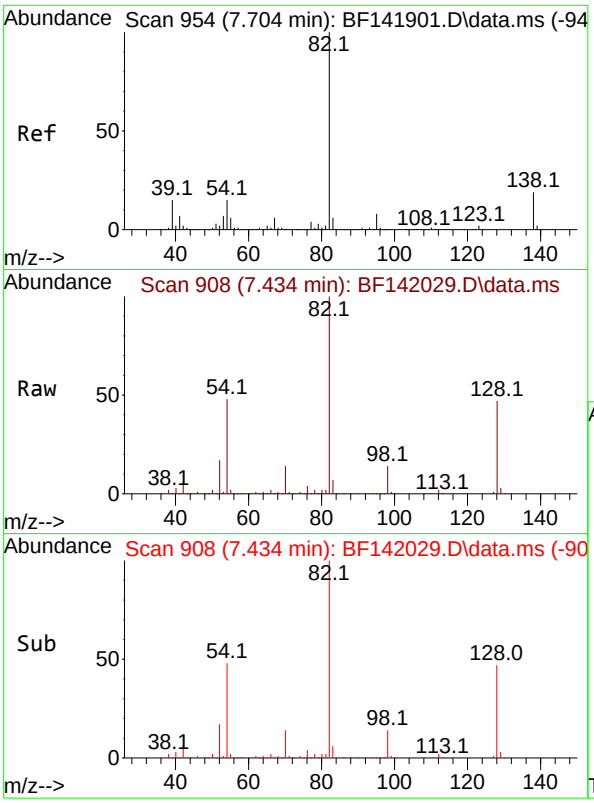


#23
Nitrobenzene-d5
Concen: 54.059 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 82 Resp: 520846

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.0	54.0
54	48.1	39.6	59.4



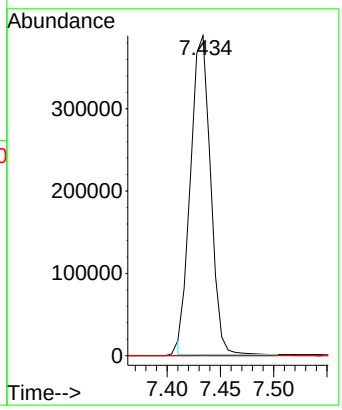


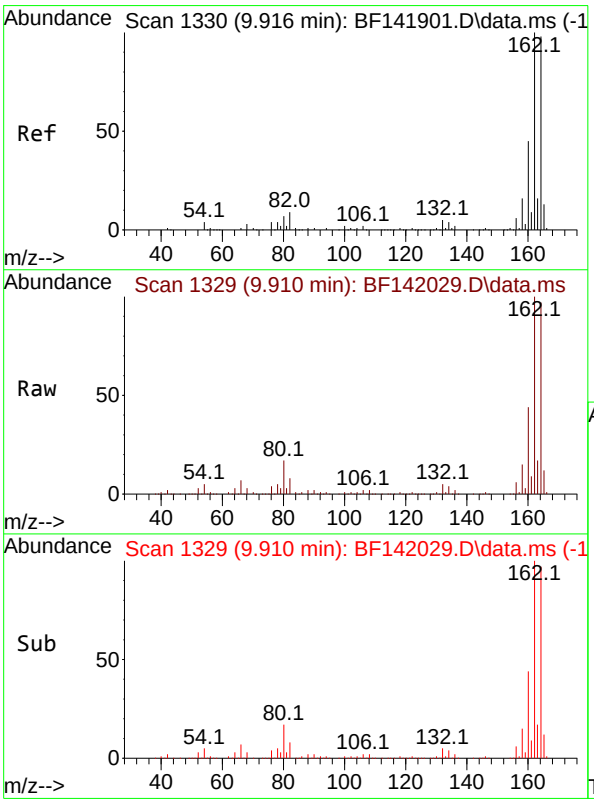
#25
Isophorone
Concen: 29.684 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.271 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 505538

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	14.9	22.3#

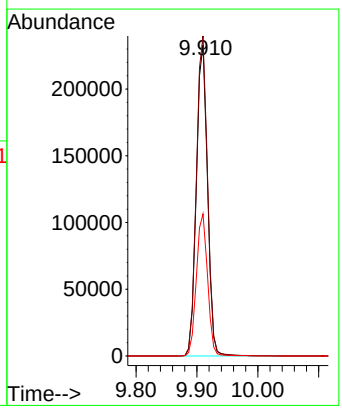


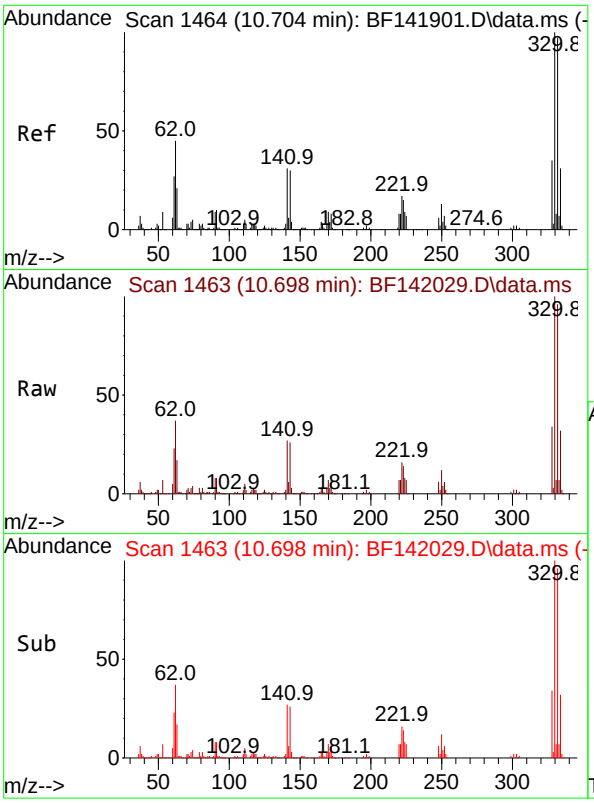


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:164 Resp: 295807

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.6
160	45.6	36.7	55.1



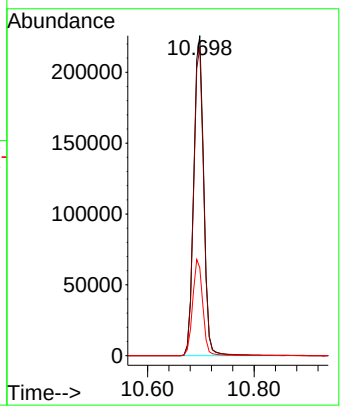


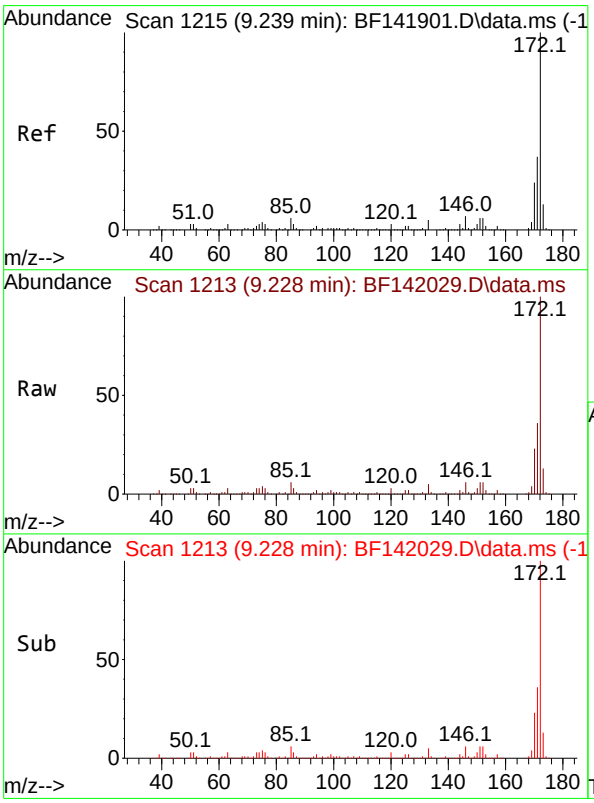
#42
2,4,6-Tribromophenol
Concen: 78.685 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 295281

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	30.4	24.7	37.1

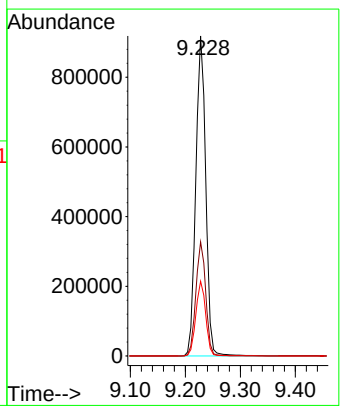


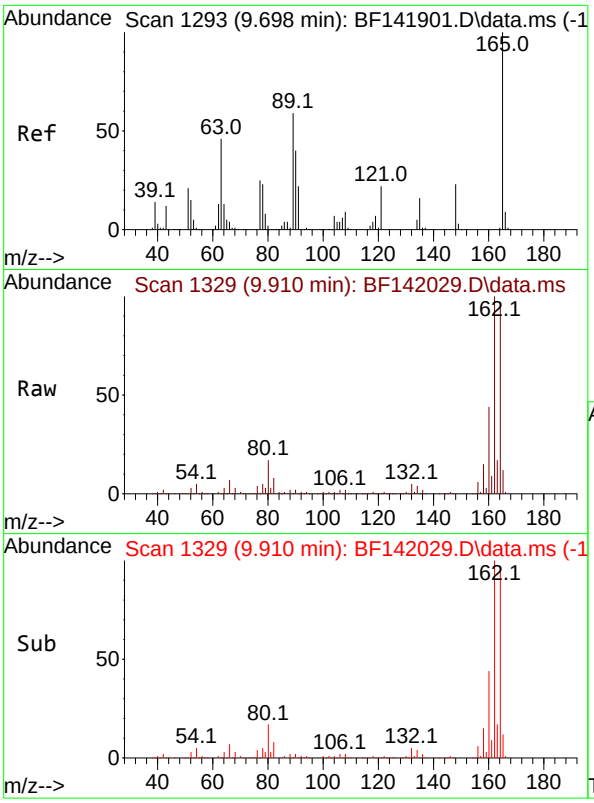


#45
2-Fluorobiphenyl
Concen: 59.491 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:172 Resp: 1157136

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.3	43.9
170	23.3	19.4	29.0



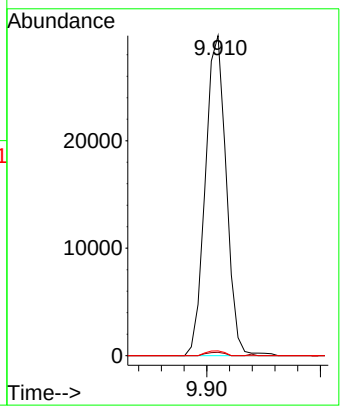


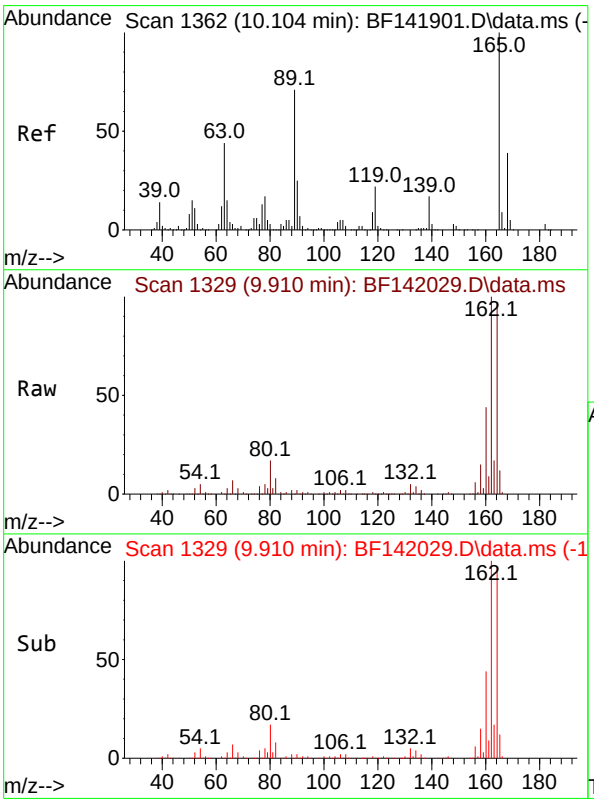
#51
2,6-Dinitrotoluene
Concen: 8.832 ng
RT: 9.910 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 38094

Ion	Ratio	Lower	Upper
165	100		
63	1.0	47.0	70.4#
89	1.5	47.4	71.2#

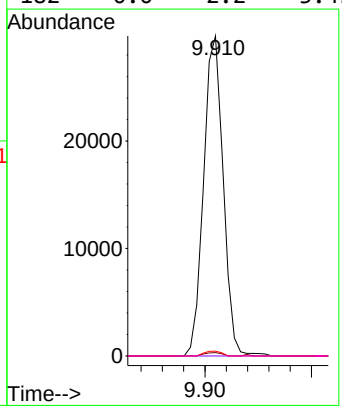


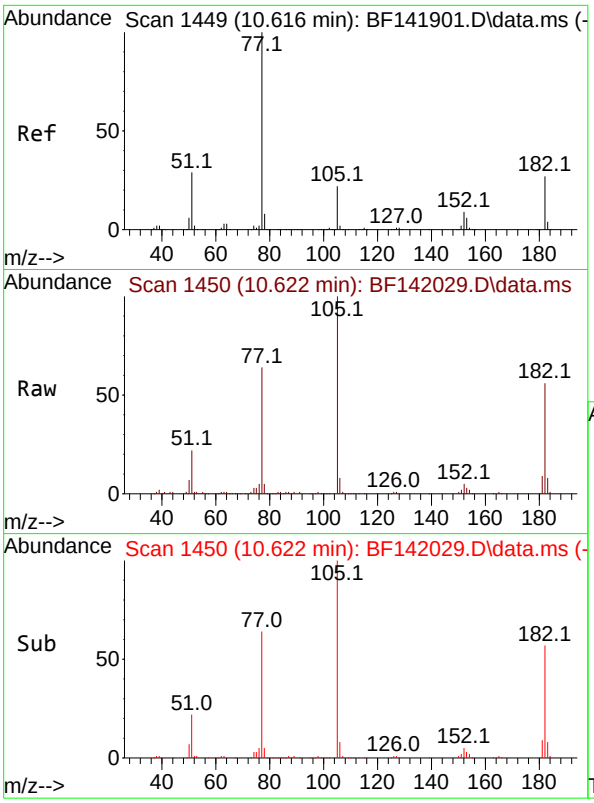


#57
2,4-Dinitrotoluene
Concen: 6.762 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:165 Resp: 38094

Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.4	53.2#
89	1.5	56.6	84.8#
182	0.0	2.2	3.4#



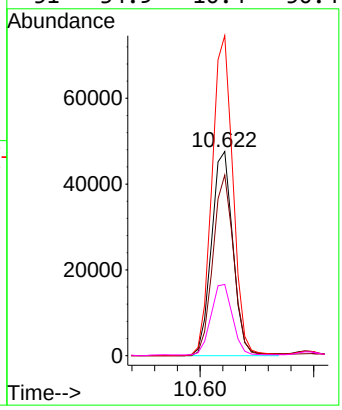


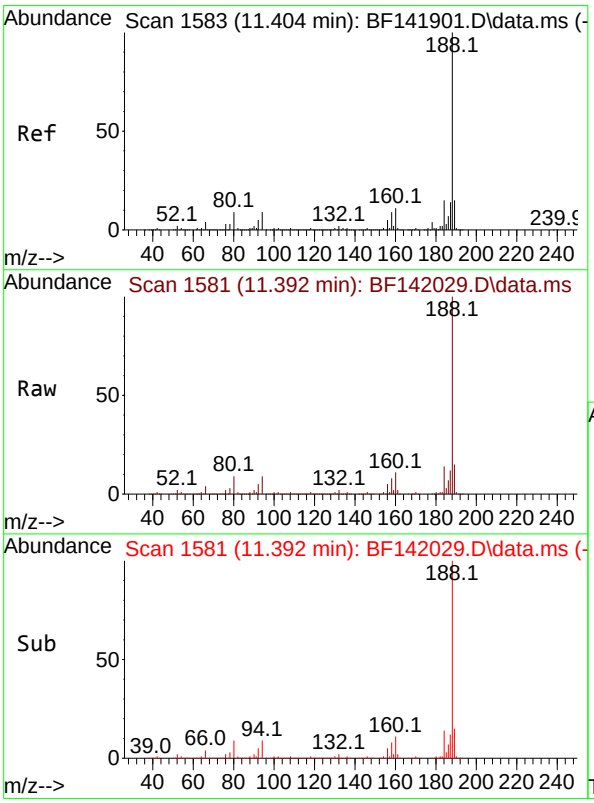
#63
Azobenzene
Concen: 3.254 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 77 Resp: 62494

Ion	Ratio	Lower	Upper
77	100		
182	88.5	6.6	46.6#
105	156.8	1.3	41.3#
51	34.9	10.4	50.4

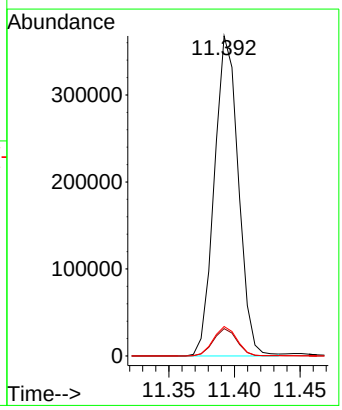


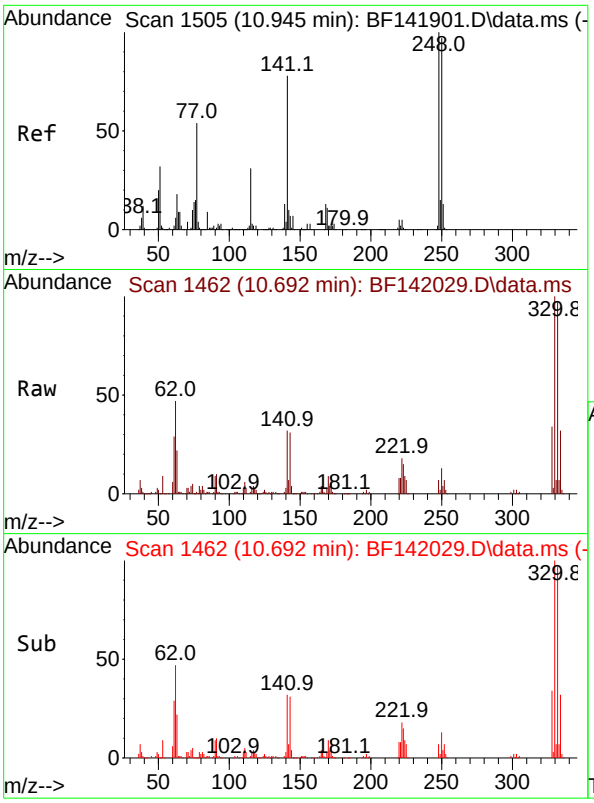


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:188 Resp: 468378

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.2	7.6	11.4



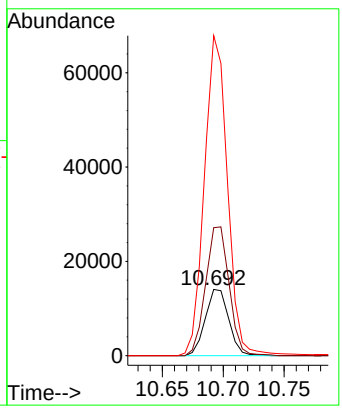


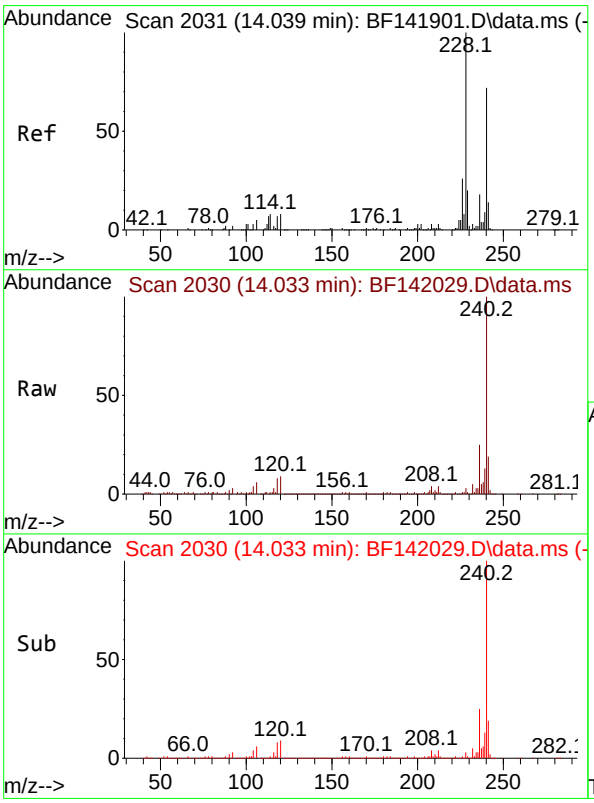
#67
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 18835

Ion	Ratio	Lower	Upper
248	100		
250	193.4	77.8	116.8#
141	483.5	62.6	93.8#

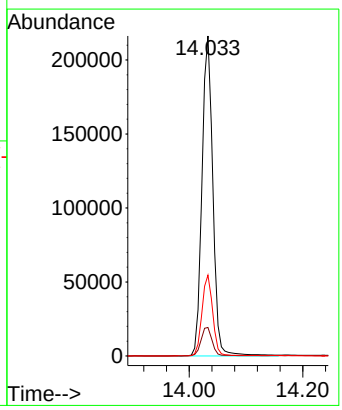


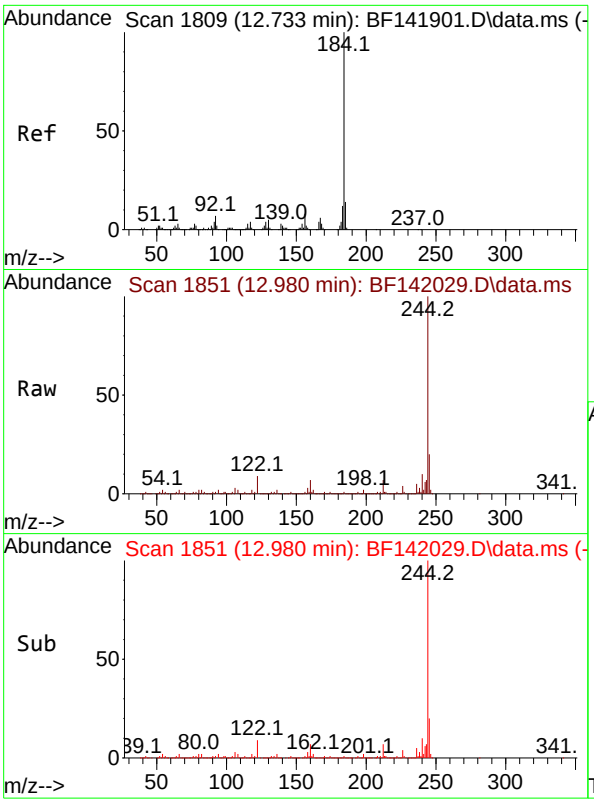


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:240 Resp: 287362

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.4	12.6
236	25.2	20.5	30.7



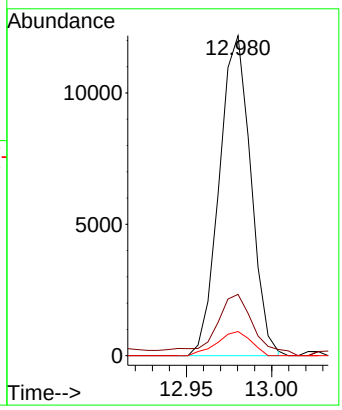


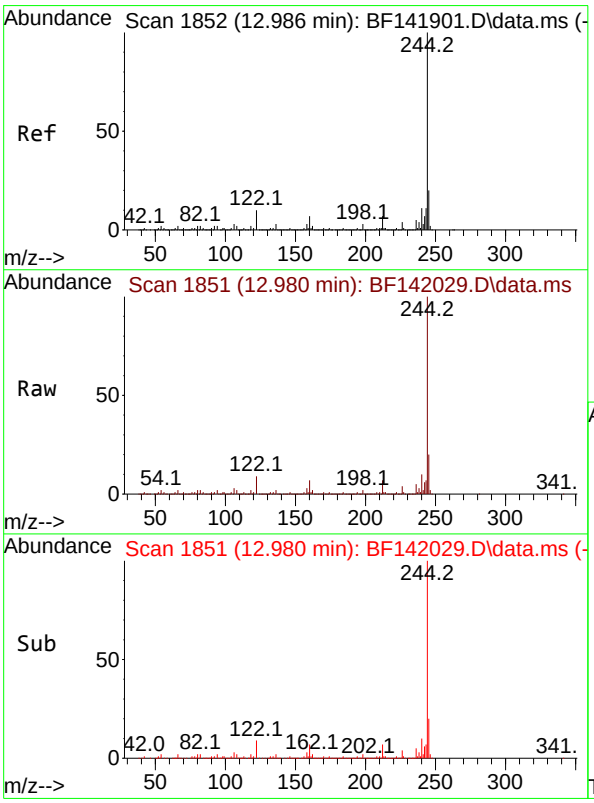
#77
Benzidine
Concen: 3.906 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:184 Resp: 15662

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.5	17.3#
183	7.5	9.7	14.5#

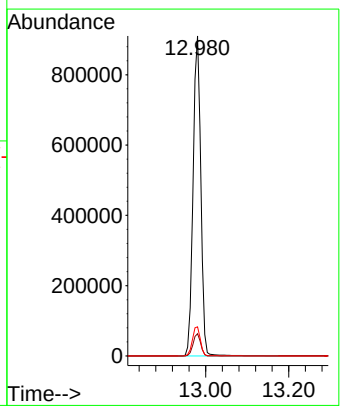


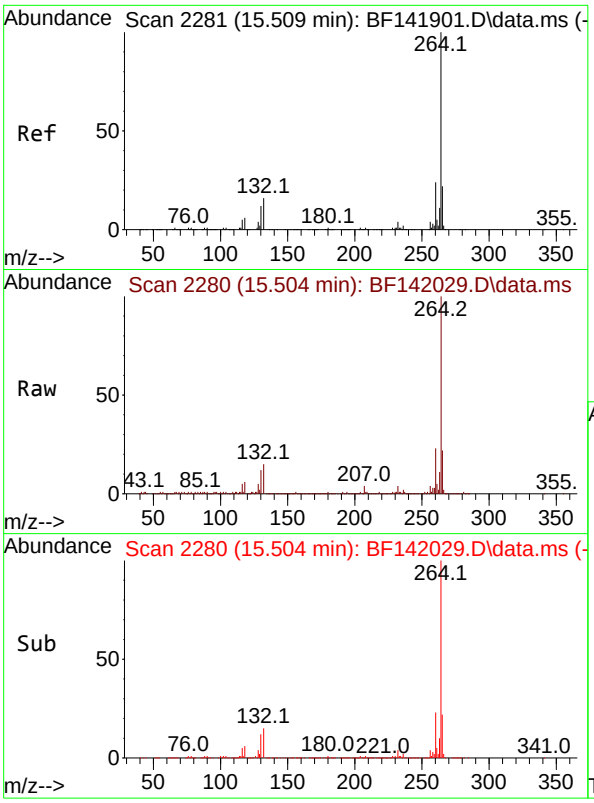


#79
Terphenyl-d14
Concen: 60.327 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:244 Resp: 1172553

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.1	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 314940

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.8	17.5	26.3