Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141923.D
Acq On : 11 Mar 2025 18:42
Operator : RC/JU
Sample : Q1523-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Quant Time: Mar 12 01:15:12 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	6.881	152	132841	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	498756	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	254340	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	415187	20.000	ng	0.00
76) Chrysene-d12	14.033	240	364222	20.000	ng	0.00
86) Perylene-d12	15.504	264	275509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	988695	124.216	ng	0.01
7) Phenol-d6	6.504	99	1099758	108.519	ng	0.00
23) Nitrobenzene-d5	7.440	82	844353	95.271	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	436097	135.155	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1723615	103.063	ng	0.00
79) Terphenyl-d14	12.986	244	2030864	82.437	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.181	128	545492	21.291	ng	100
37) 2-Methylnaphthalene	8.869	142	103047	6.017	ng	98
38) 1-Methylnaphthalene	8.969	142	125009	7.565	ng	99
52) Acenaphthene	9.945	154	35731	2.379	ng	97
77) Benzidine	12.733	184	77233	15.199	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141923.D
Acq On : 11 Mar 2025 18:42
Operator : RC/JU
Sample : Q1523-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Quant Time: Mar 12 01:15:12 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
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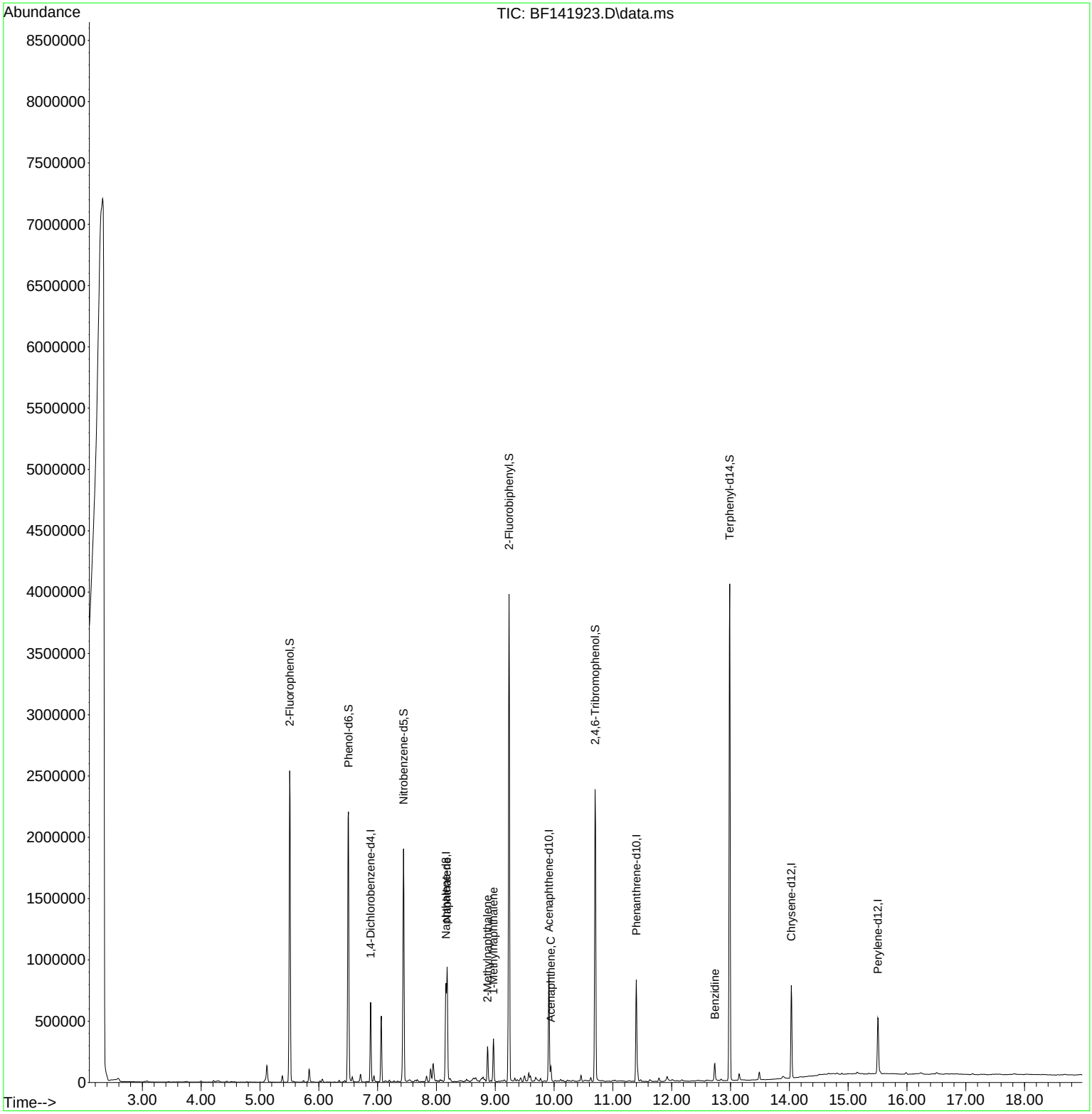
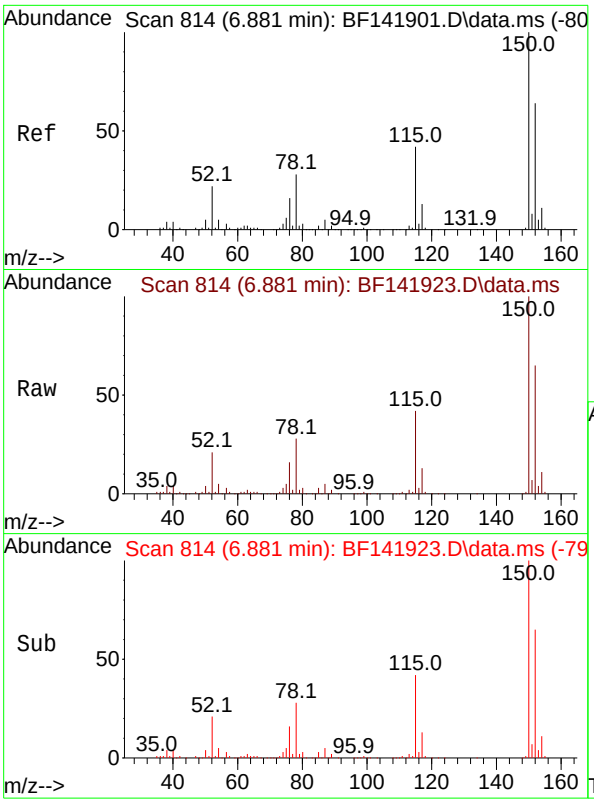


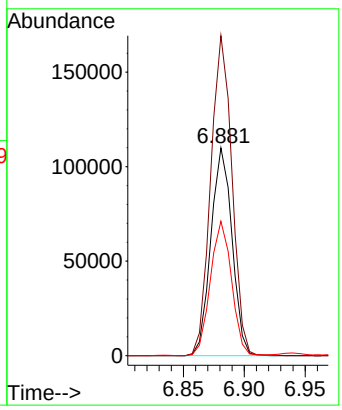


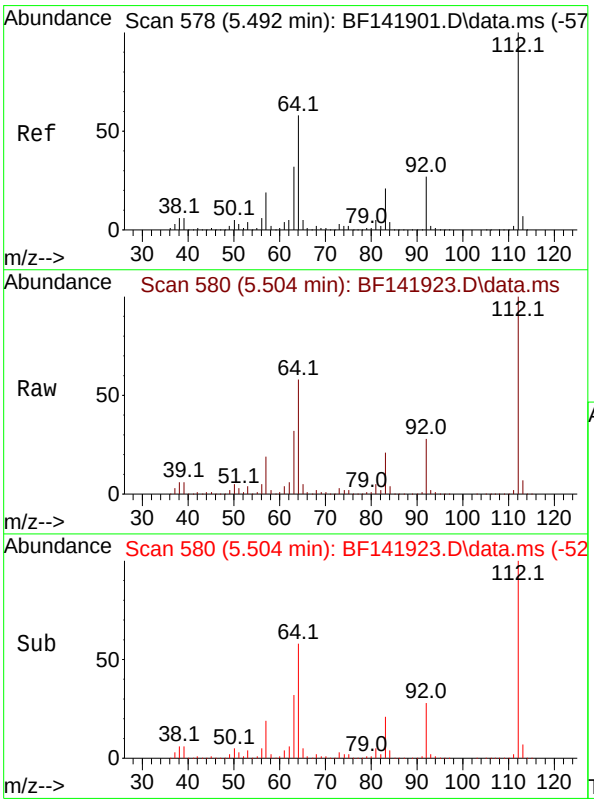
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:152 Resp: 132841

Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.4	191.2
115	64.7	51.9	77.9

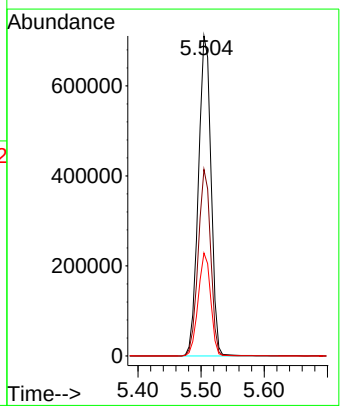


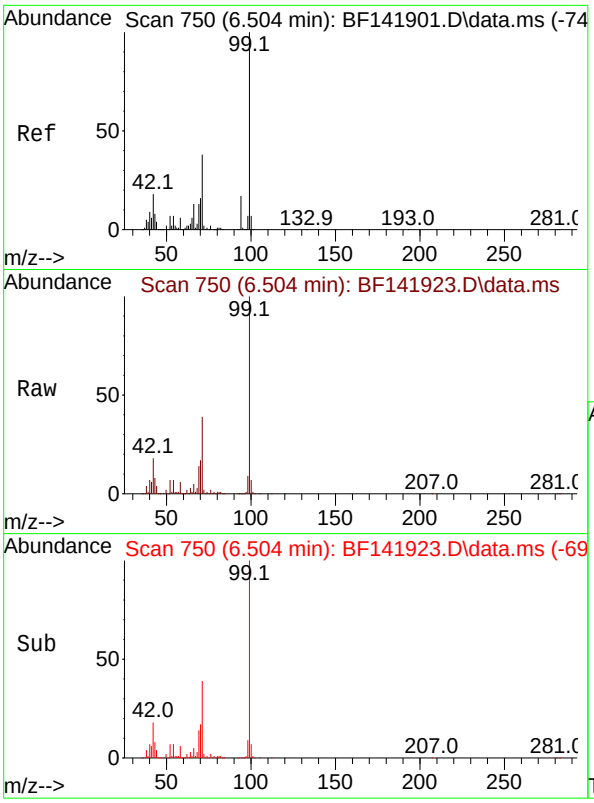


#5
2-Fluorophenol
Concen: 124.216 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:112 Resp: 988695

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.5	69.7
63	32.1	25.4	38.2





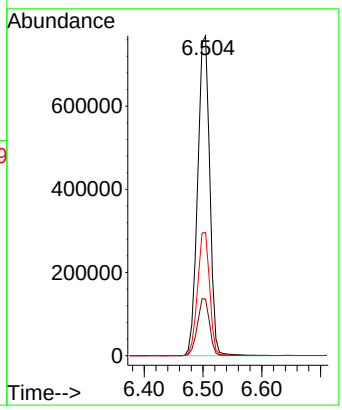
#7
Phenol-d6
Concen: 108.519 ng
RT: 6.504 min Scan# 7

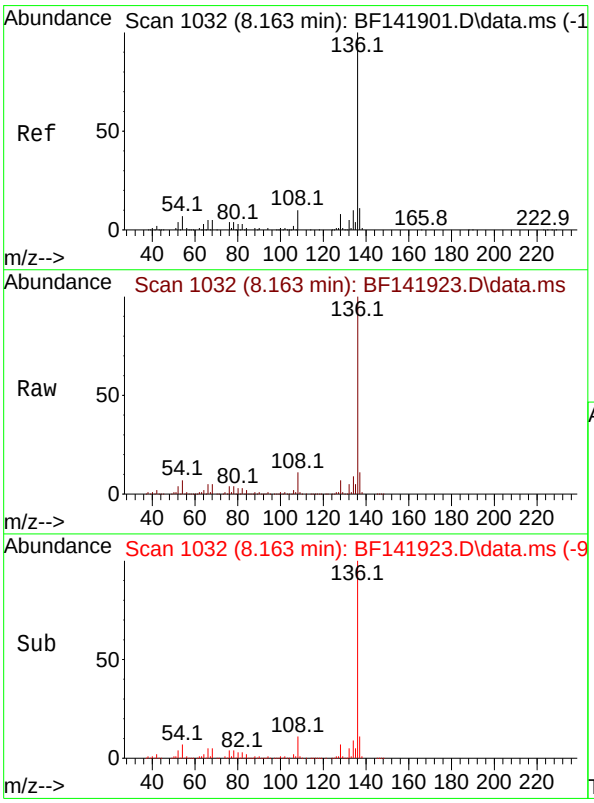
Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Delta R.T. 0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion: 99 Resp: 1099758

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	38.6	30.8	46.2

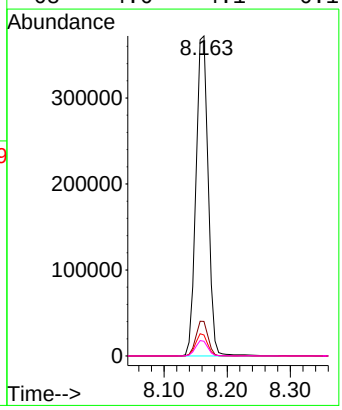


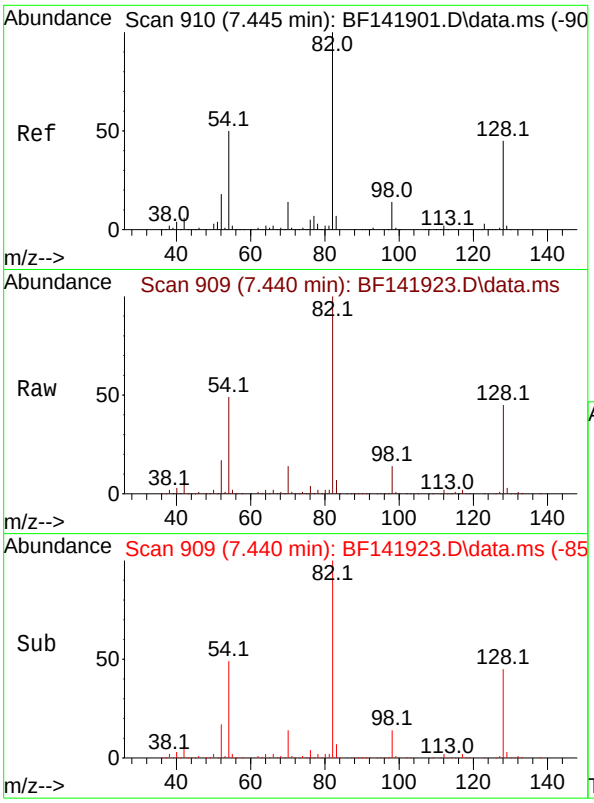


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:136 Resp: 498756

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.8	8.8
68	4.6	4.1	6.1



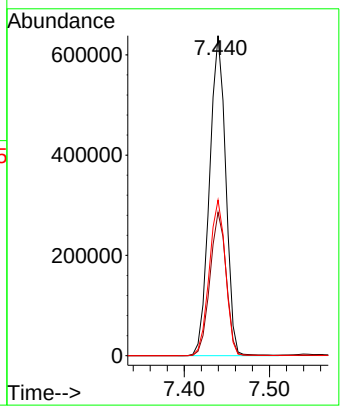


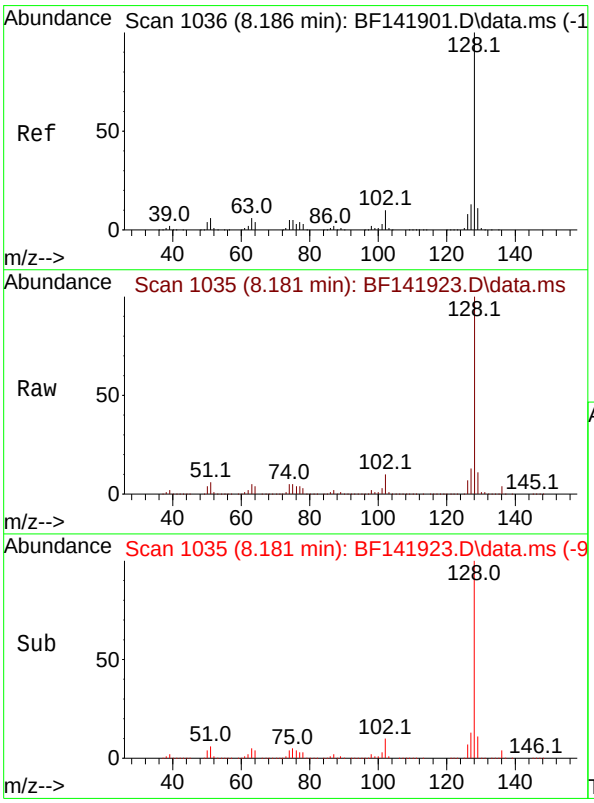
#23
Nitrobenzene-d5
Concen: 95.271 ng
RT: 7.440 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion: 82 Resp: 844353

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.0	54.0
54	48.7	39.6	59.4

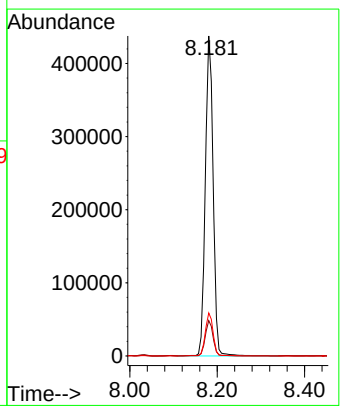


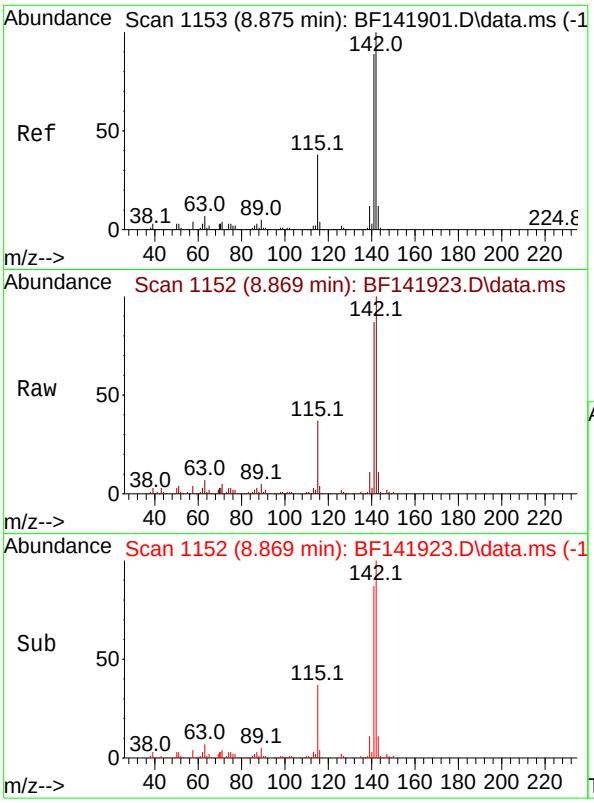


#31
Naphthalene
Concen: 21.291 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:128 Resp: 545492

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	10.8	16.2



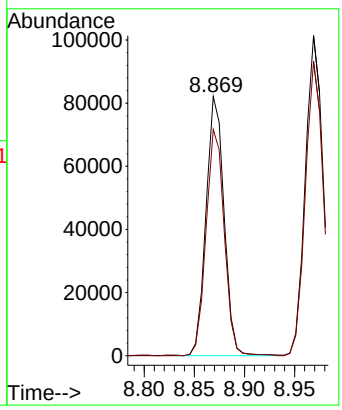


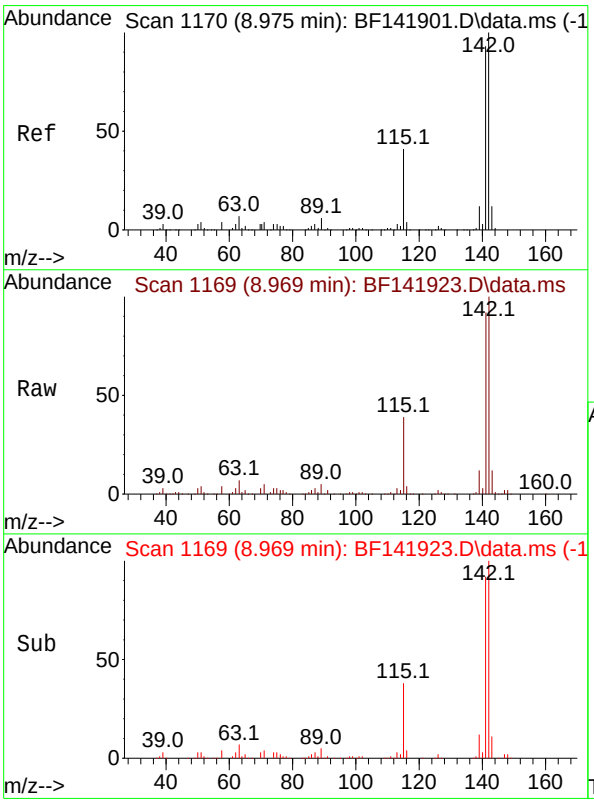
#37
2-Methylnaphthalene
Concen: 6.017 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:142 Resp: 103047

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.2	106.8

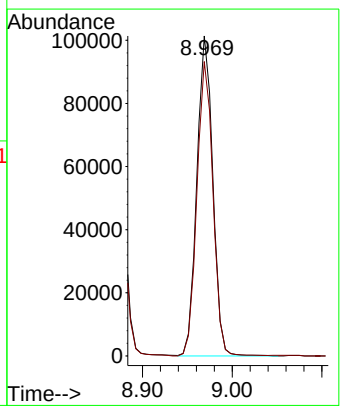


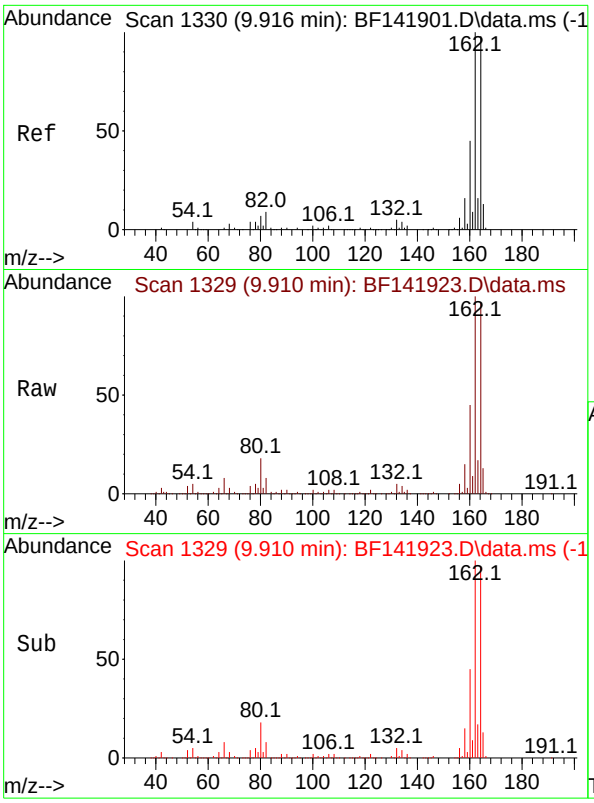


#38
1-Methylnaphthalene
Concen: 7.565 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:142 Resp: 125009

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4



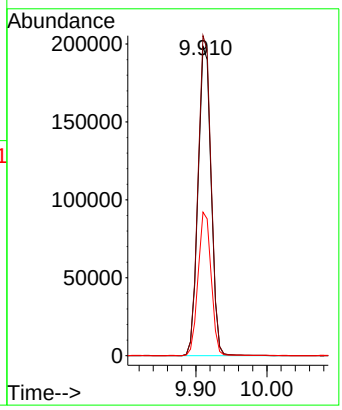


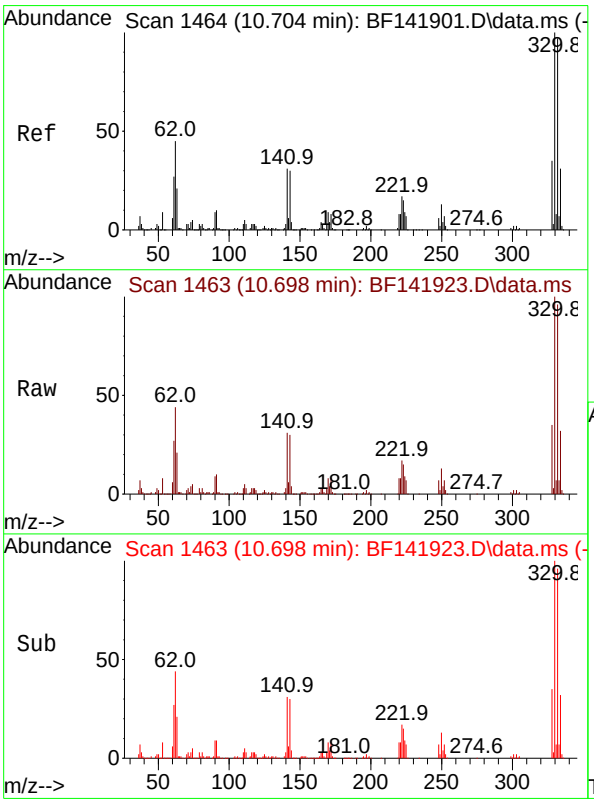
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:164 Resp: 254340

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	46.4	36.7	55.1

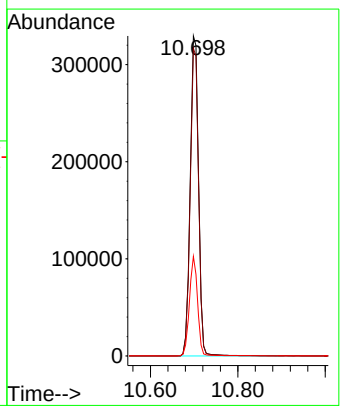


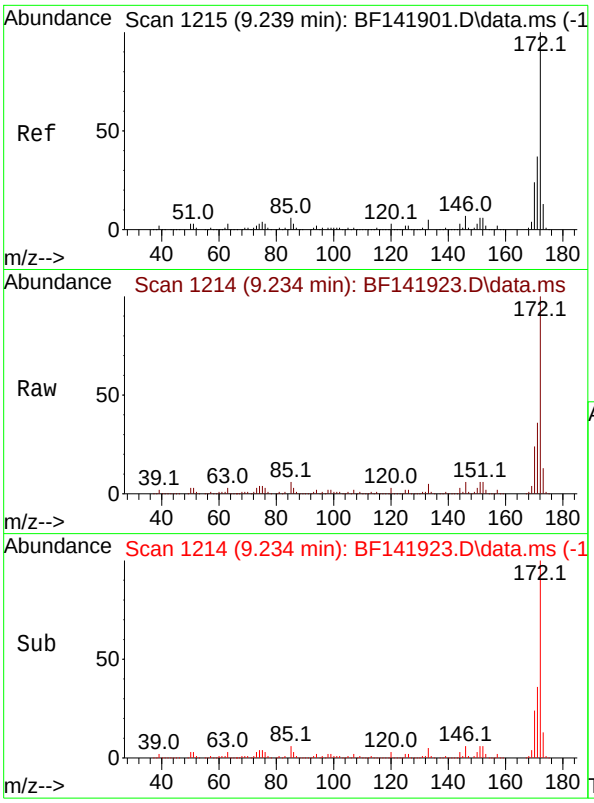


#42
2,4,6-Tribromophenol
Concen: 135.155 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:330 Resp: 436097

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	30.5	24.7	37.1



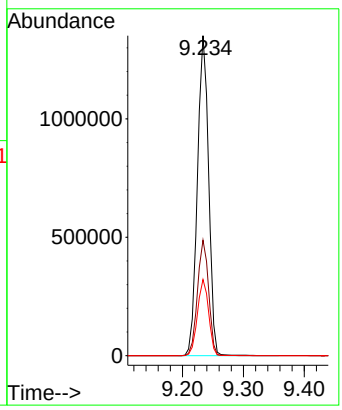


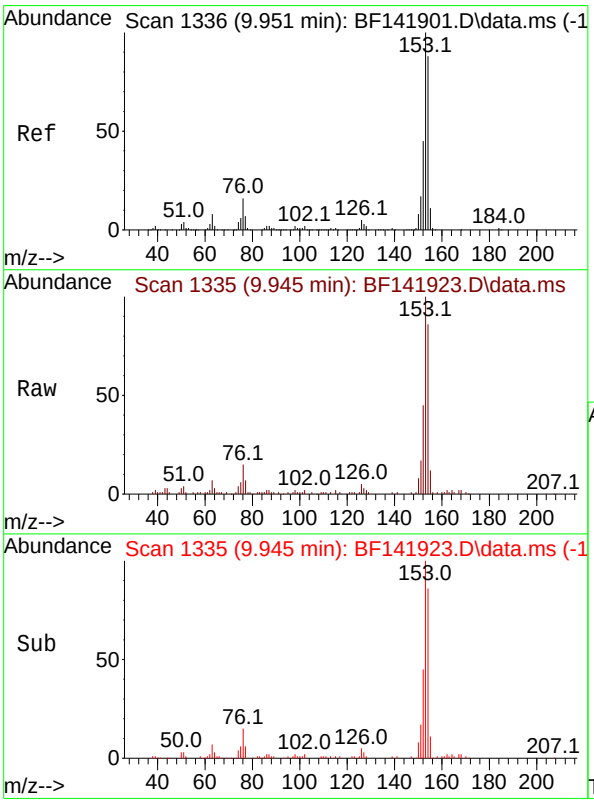
#45
2-Fluorobiphenyl
Concen: 103.063 ng
RT: 9.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:172 Resp: 1723615

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.8	19.4	29.0

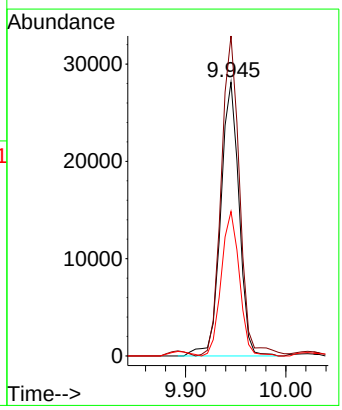


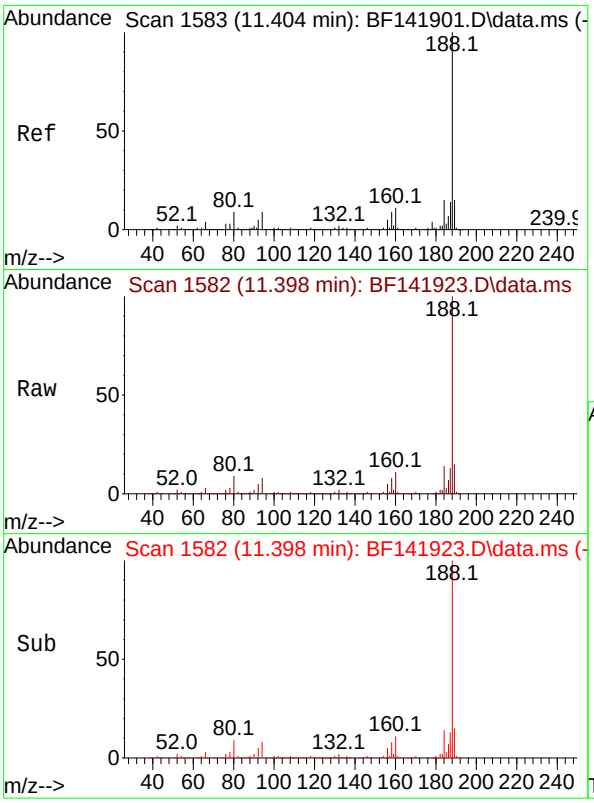


#52
Acenaphthene
Concen: 2.379 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:154 Resp: 35731

Ion	Ratio	Lower	Upper
154	100		
153	116.9	90.7	136.1
152	52.8	41.1	61.7



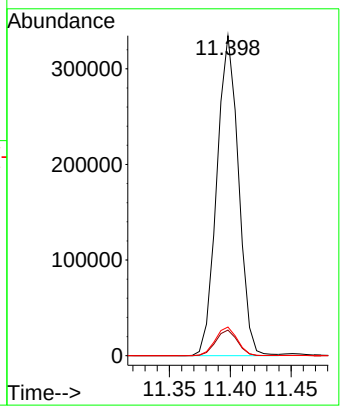


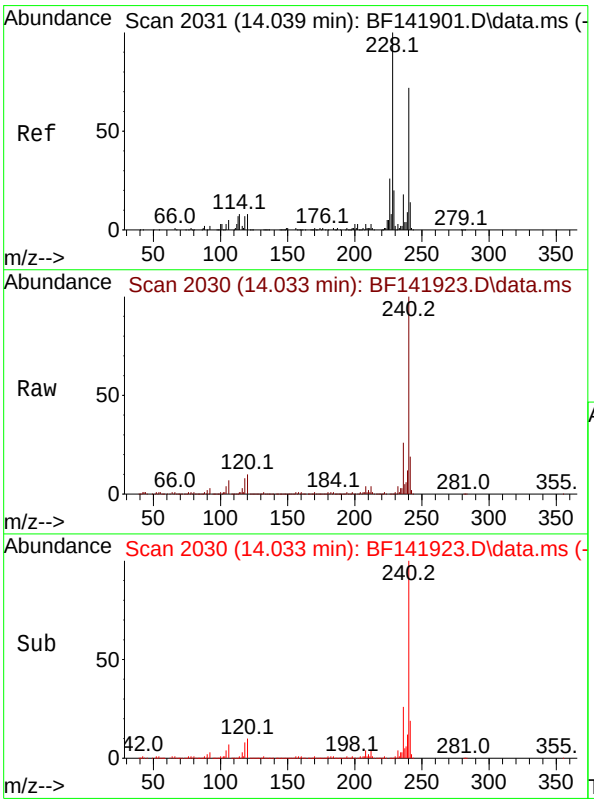
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:188 Resp: 415187

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.9	7.6	11.4

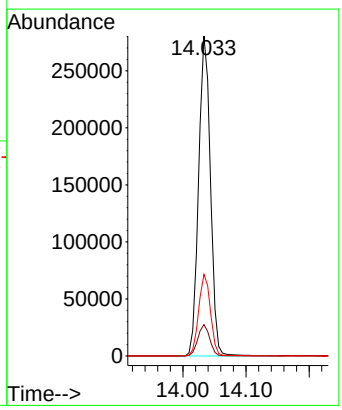


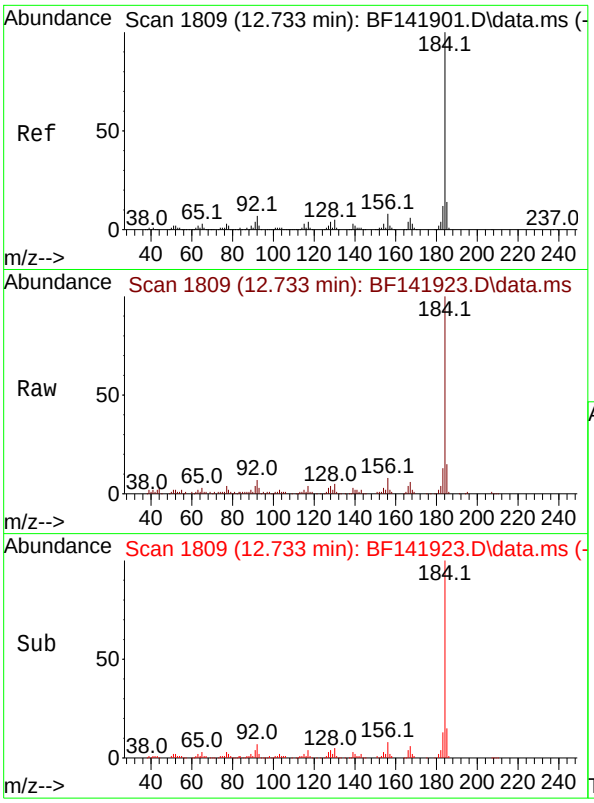


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:240 Resp: 364222

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.5	20.5	30.7



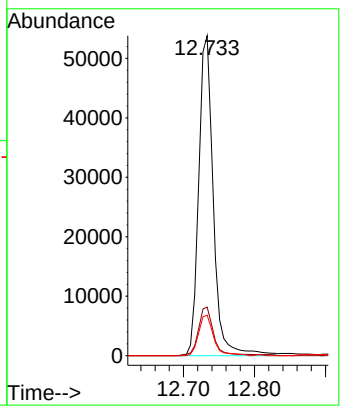


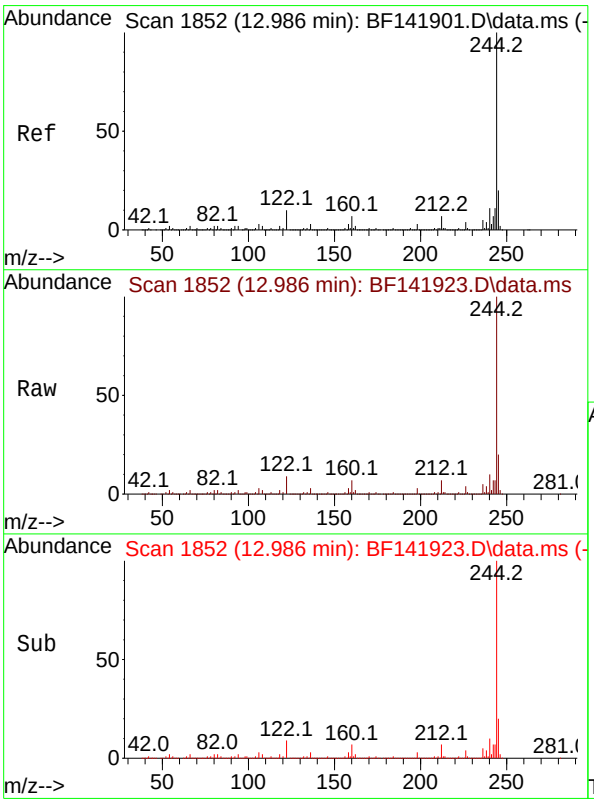
#77
Benzidine
Concen: 15.199 ng
RT: 12.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:184 Resp: 77233

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.5	17.3
183	12.7	9.7	14.5

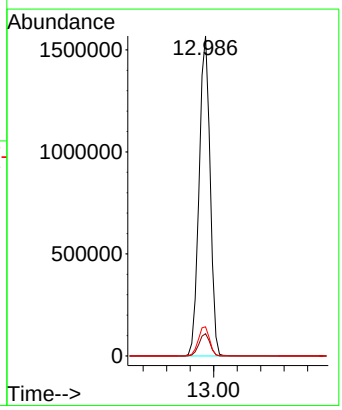


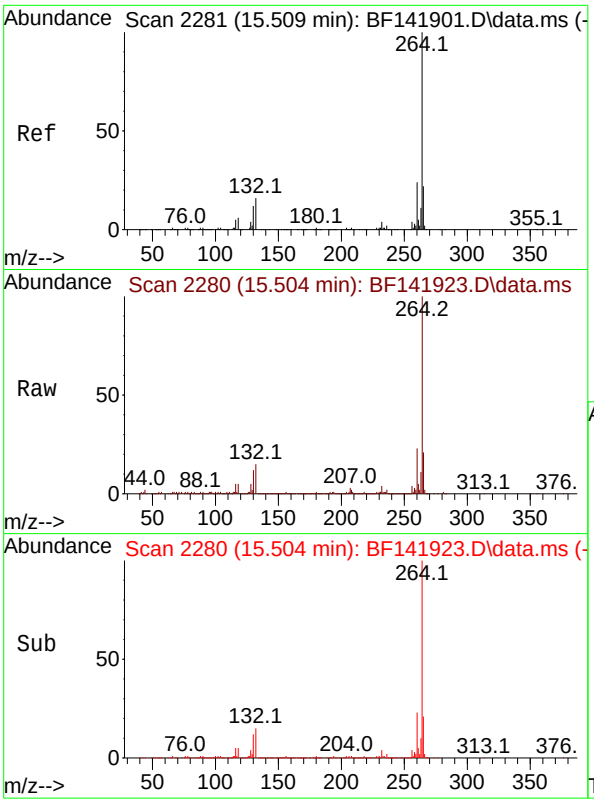


#79
Terphenyl-d14
Concen: 82.437 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141923.D
Acq: 11 Mar 2025 18:42

Tgt Ion:244 Resp: 2030864

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: BF141923.D
Acq: 11 Mar 2025 18:42

Instrument :
BNA_F
ClientSampleId :
WC-A1-01-C

Tgt Ion:264 Resp: 275509

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	20.8	17.5	26.3