Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138166.D
Acq On : 07 Jun 2024 18:05
Operator : CG\JU
Sample : P2707-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-04

Quant Time: Jun 07 22:53:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	401462	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1555826	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	858258	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1313136	20.000	ng	0.00
76) Chrysene-d12	14.063	240	608291	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	516279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1816557	77.114	ng	0.00
7) Phenol-d6	6.528	99	2304370	77.316	ng	0.00
23) Nitrobenzene-d5	7.463	82	1353211	59.177	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	666856	80.737	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2750109	56.028	ng	0.00
79) Terphenyl-d14	13.010	244	2281224	56.093	ng	-0.01
Target Compounds						Qvalue

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

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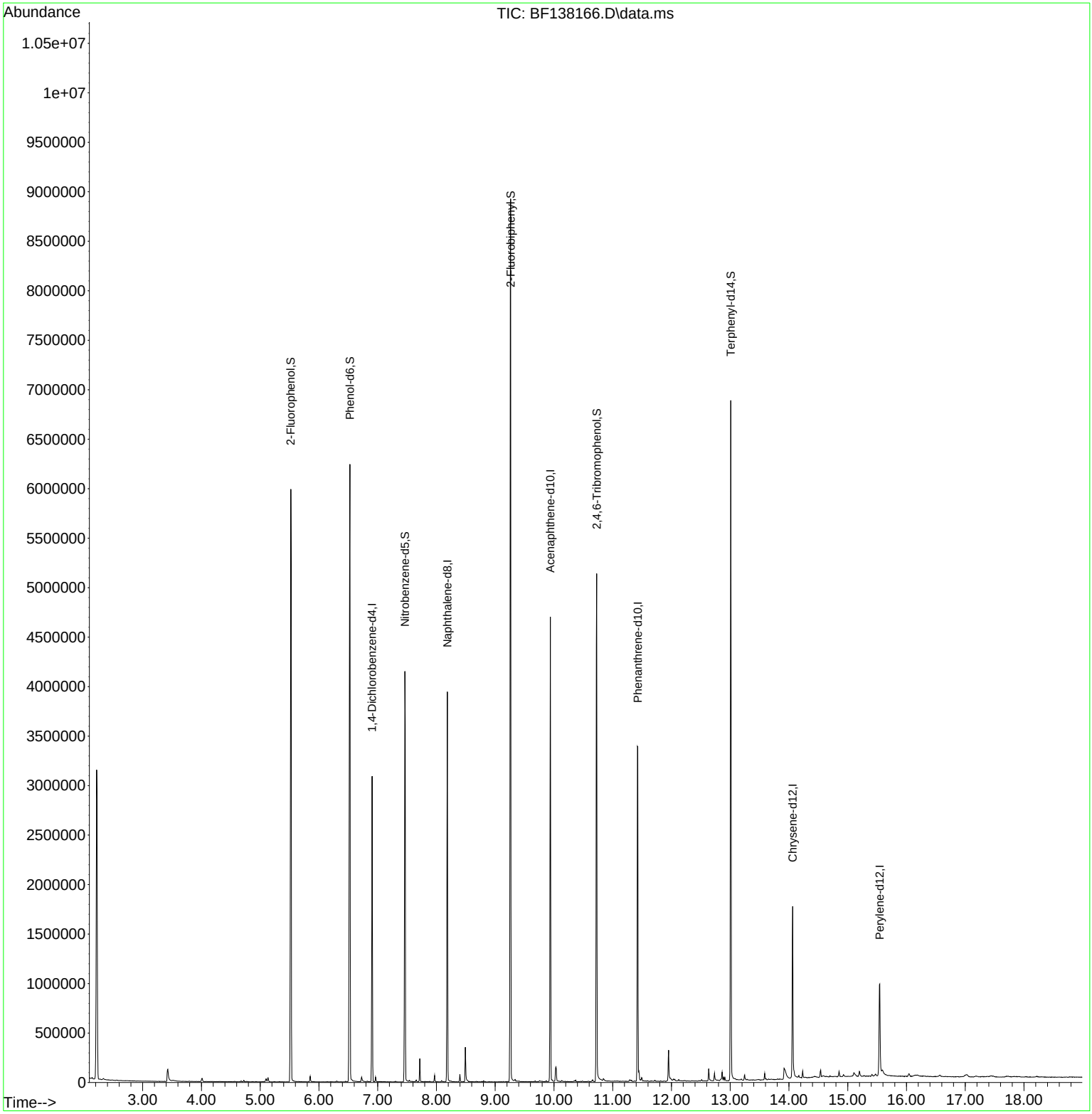
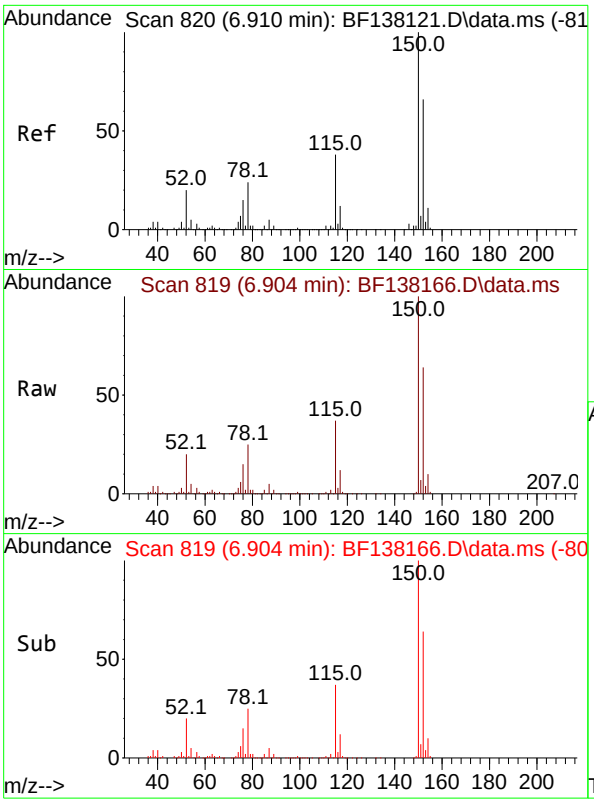


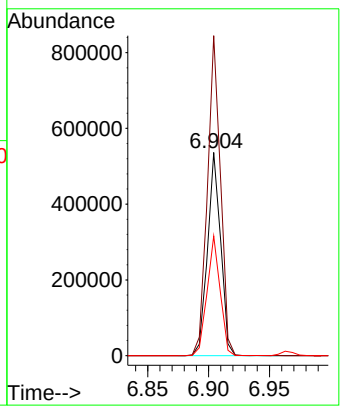


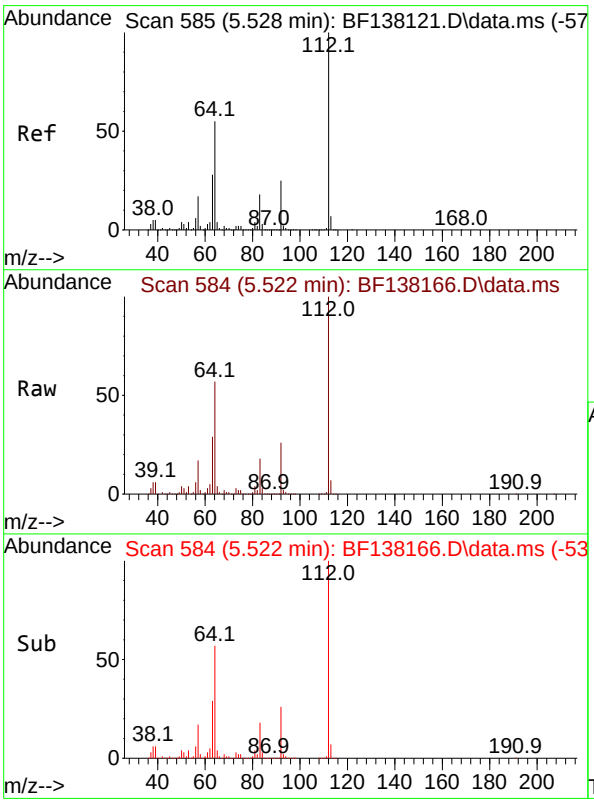
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Instrument :
BNA_F
ClientSampleId :
SW-04

Tgt Ion:152 Resp: 401462

Ion	Ratio	Lower	Upper
152	100		
150	157.5	121.8	182.6
115	58.9	46.2	69.2

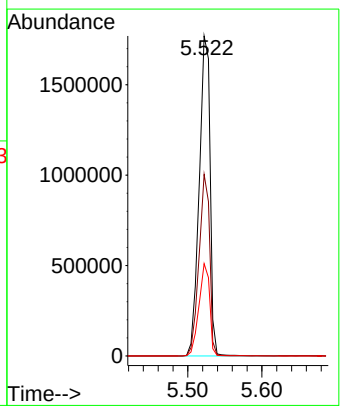


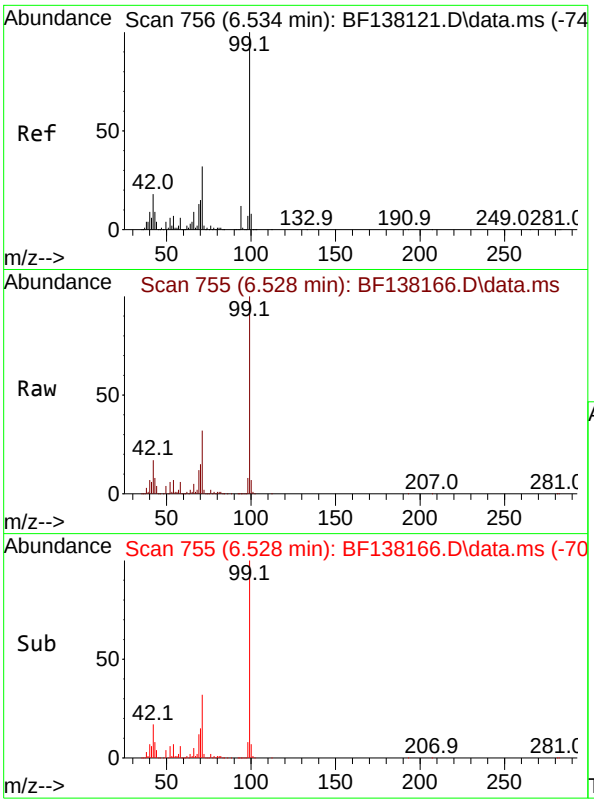


#5
2-Fluorophenol
Concen: 77.114 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Tgt Ion:112 Resp: 1816557

Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.0	66.0
63	28.8	22.1	33.1



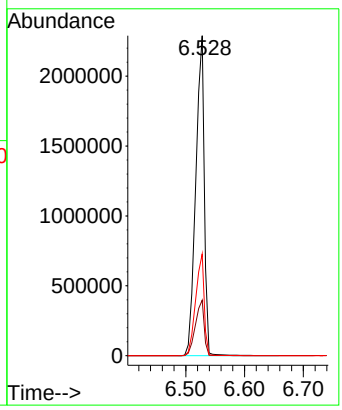


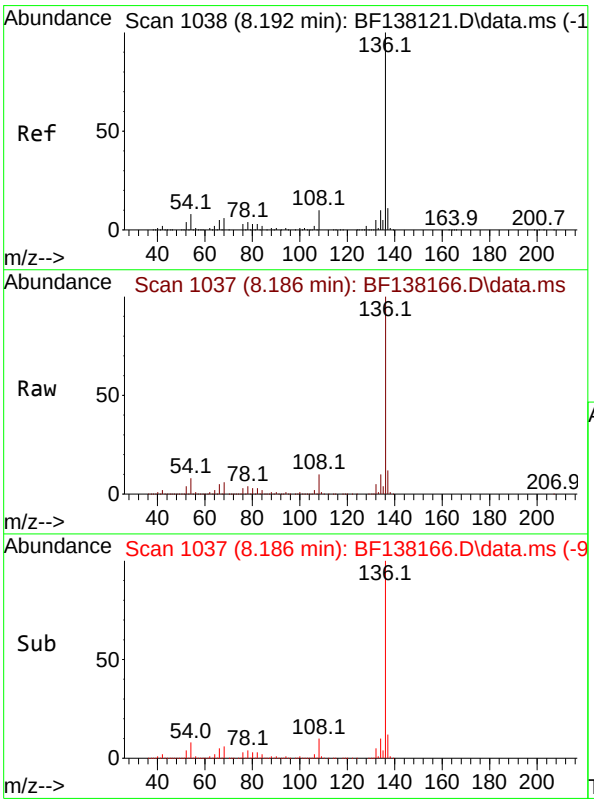
#7
Phenol-d6
Concen: 77.316 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Instrument :
BNA_F
ClientSampleId :
SW-04

Tgt Ion: 99 Resp: 2304370

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	31.8	25.5	38.3

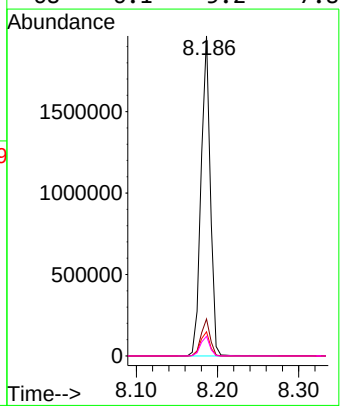


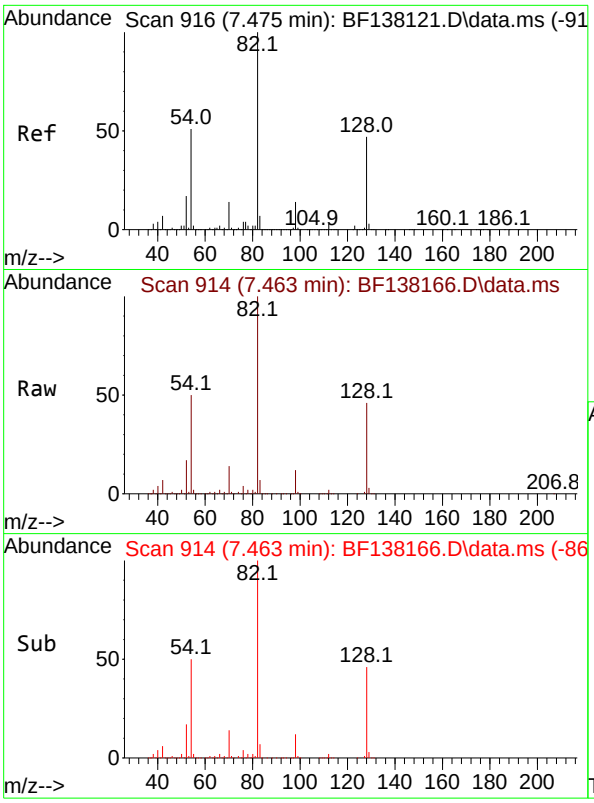


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Tgt Ion:136 Resp: 1555826

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.6	6.2	9.2
68	6.1	5.2	7.8



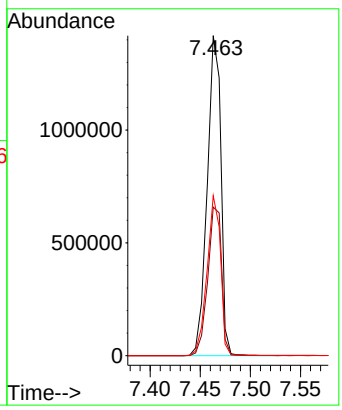


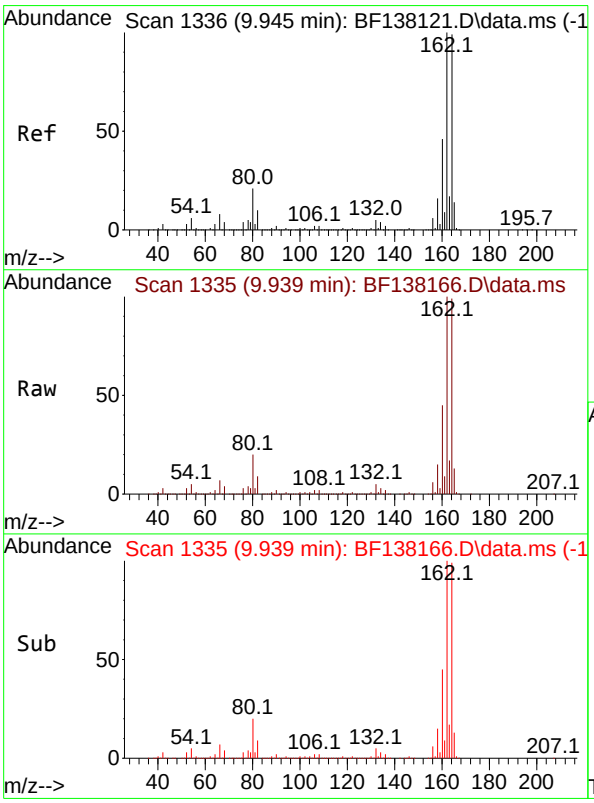
#23
Nitrobenzene-d5
Concen: 59.177 ng
RT: 7.463 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Instrument :
BNA_F
ClientSampleId :
SW-04

Tgt Ion: 82 Resp: 1353211

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.7	56.5
54	50.0	40.8	61.2

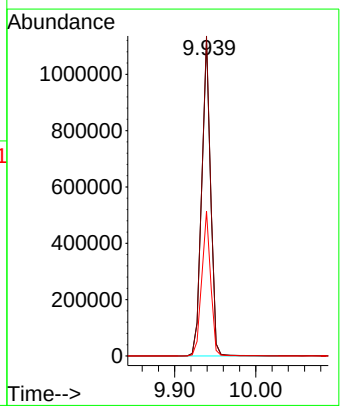


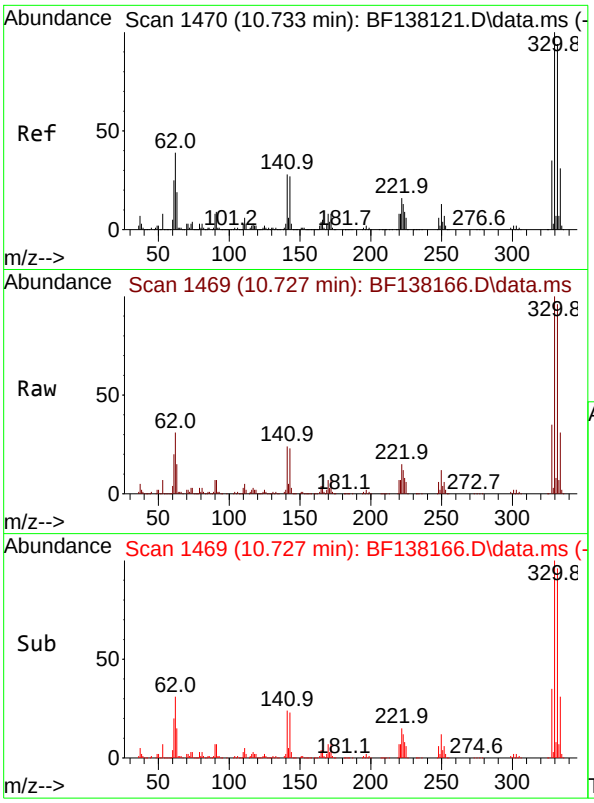


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Tgt Ion:164 Resp: 858258

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.9	121.3
160	45.8	37.0	55.6



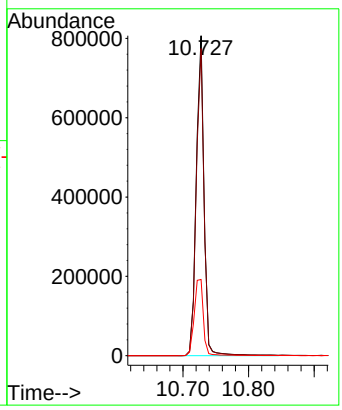


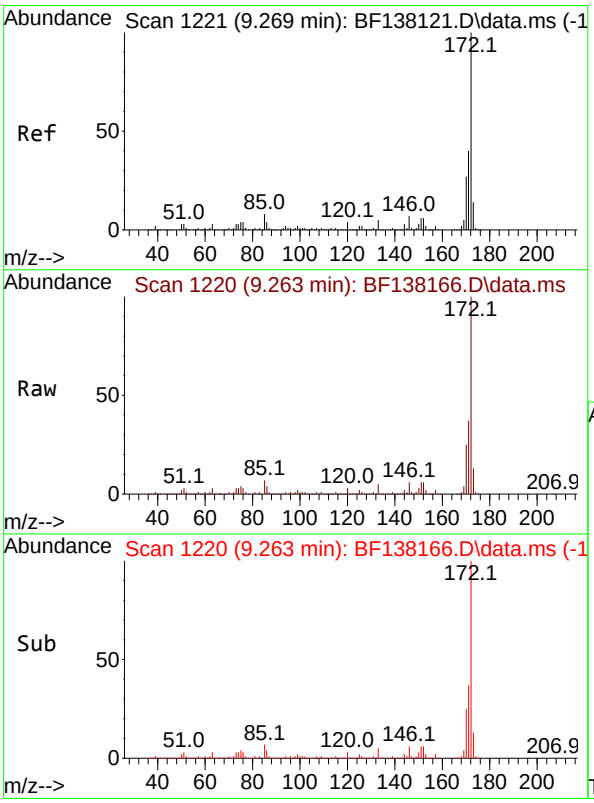
#42
2,4,6-Tribromophenol
Concen: 80.737 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Instrument :
BNA_F
ClientSampleId :
SW-04

Tgt Ion:330 Resp: 666856

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.8	113.8
141	28.2	23.2	34.8

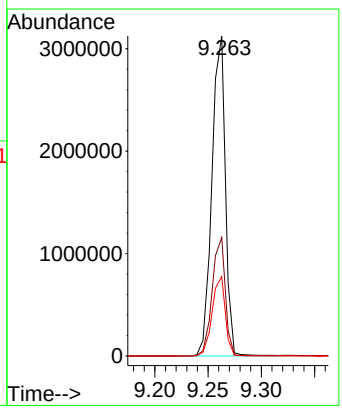


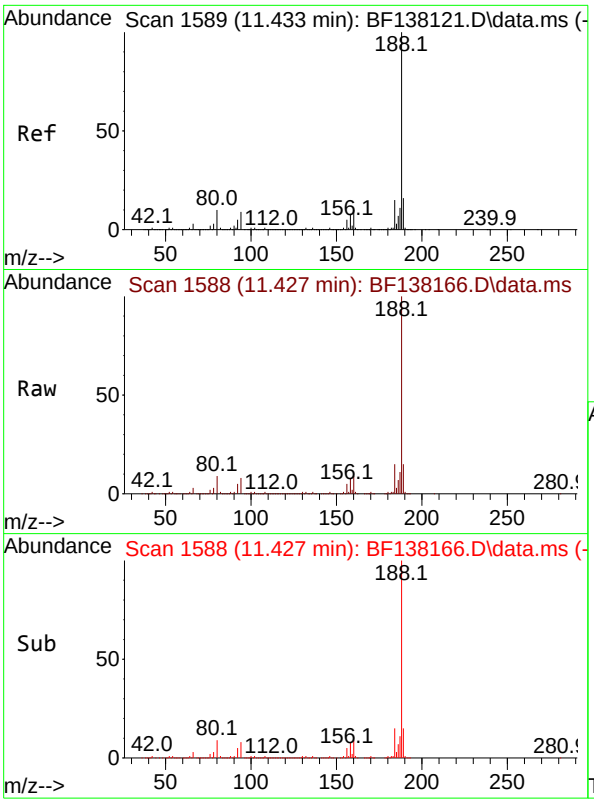


#45
2-Fluorobiphenyl
Concen: 56.028 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Tgt Ion:172 Resp: 2750109

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.6	47.4
170	24.8	21.4	32.2



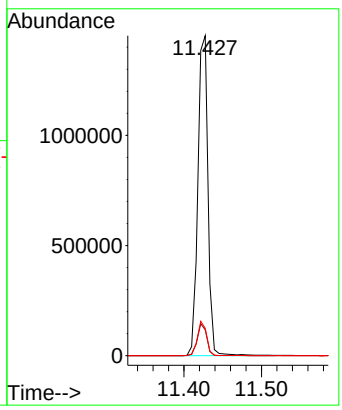


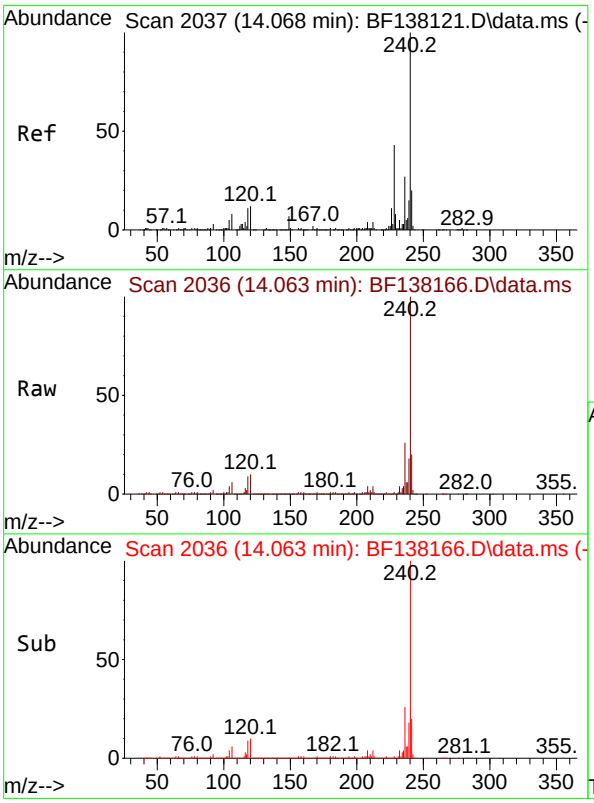
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Instrument :
BNA_F
ClientSampleId :
SW-04

Tgt Ion:188 Resp: 1313136

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.4	11.2
80	8.6	7.7	11.5

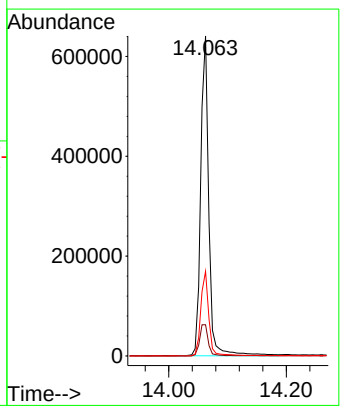


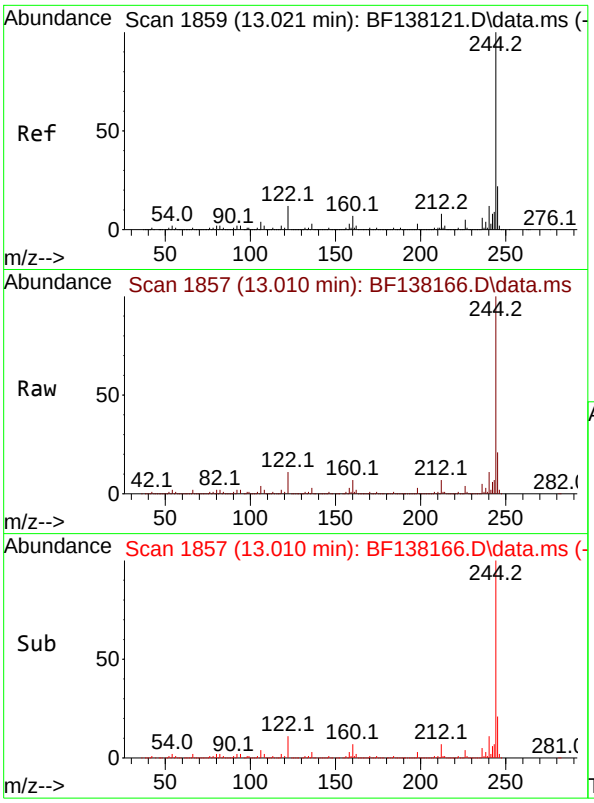


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Tgt Ion:240 Resp: 608291

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.8	14.8#
236	26.5	21.2	31.8



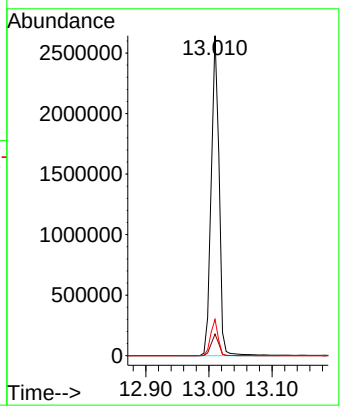


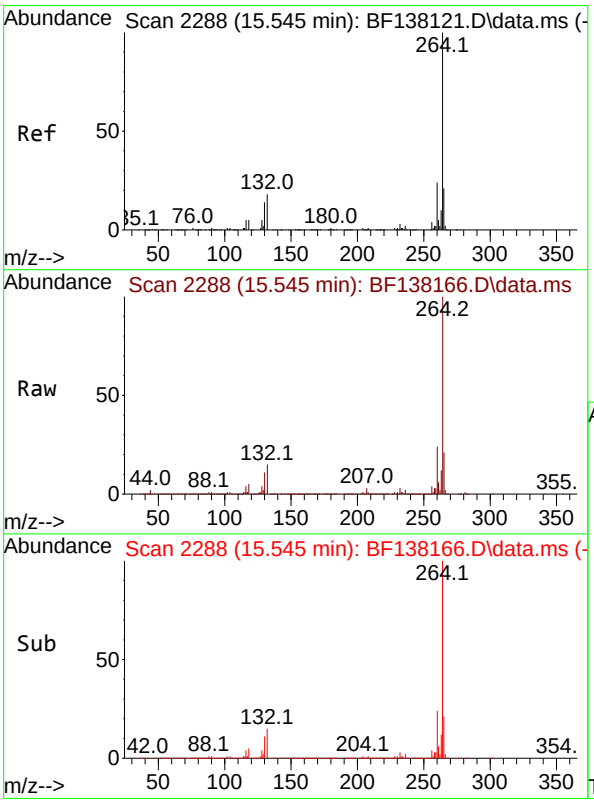
#79
Terphenyl-d14
Concen: 56.093 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Instrument :
BNA_F
ClientSampleId :
SW-04

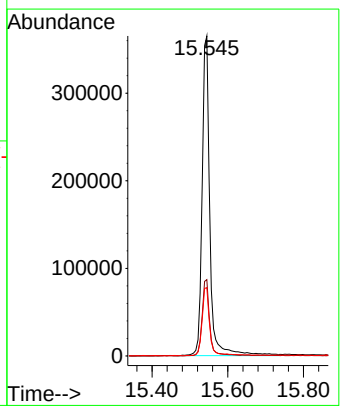
Tgt Ion:244 Resp: 2281224

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	11.4	9.4	14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF138166.D
Acq: 07 Jun 2024 18:05

Tgt Ion:264 Resp: 516279

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.3	17.1	25.7