Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140060.D
Acq On : 26 Oct 2024 15:23
Operator : RC/JU
Sample : P4517-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOREST-ST-CO

Quant Time: Oct 28 01:08:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	137371	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	545971	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	313958	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	546322	20.000	ng	0.00
76) Chrysene-d12	14.045	240	255275	20.000	ng	0.00
86) Perylene-d12	15.527	264	279095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	361177	41.160	ng	0.00
7) Phenol-d6	6.504	99	585771	51.542	ng	0.00
23) Nitrobenzene-d5	7.445	82	450653	45.748	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	90601	30.852	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	895411	47.135	ng	0.00
79) Terphenyl-d14	12.992	244	835641	53.341	ng	0.00
Target Compounds						Qvalue

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

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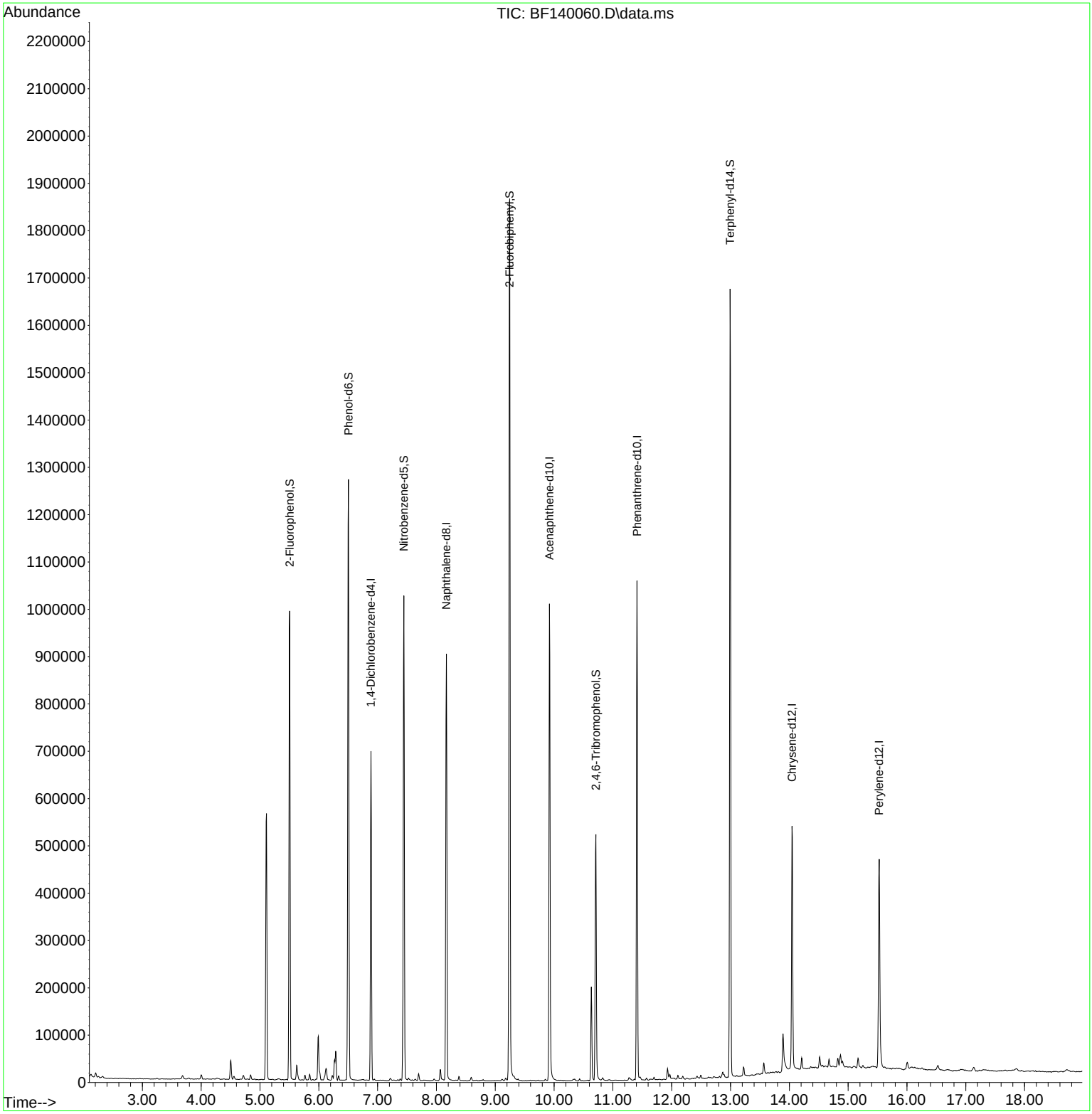
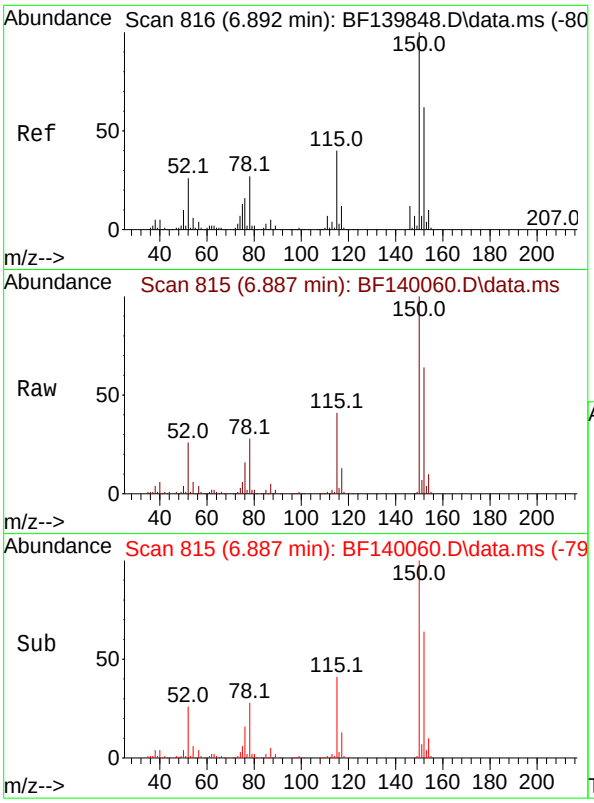


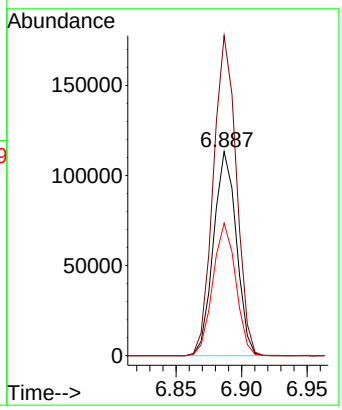


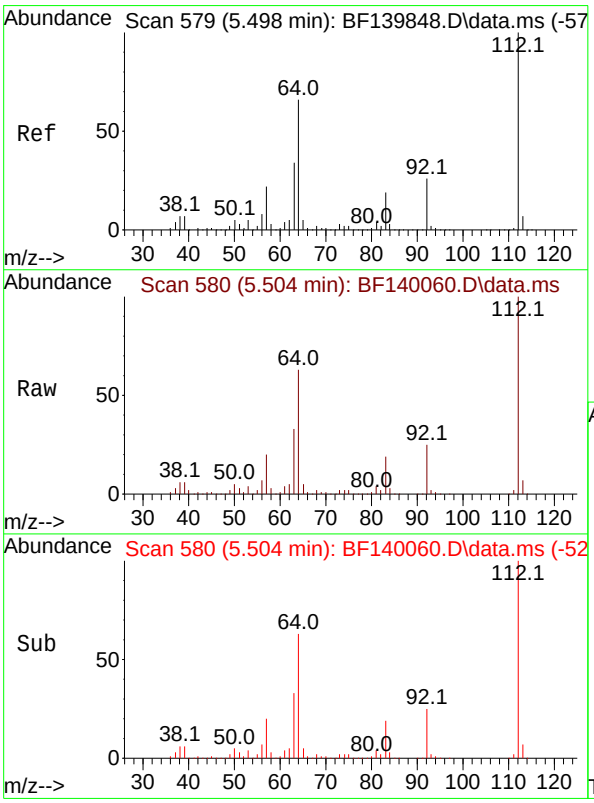
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Instrument :
BNA_F
ClientSampleId :
FOREST-ST-CO

Tgt Ion:152 Resp: 137371

Ion	Ratio	Lower	Upper
152	100		
150	156.7	130.2	195.2
115	64.9	51.4	77.2

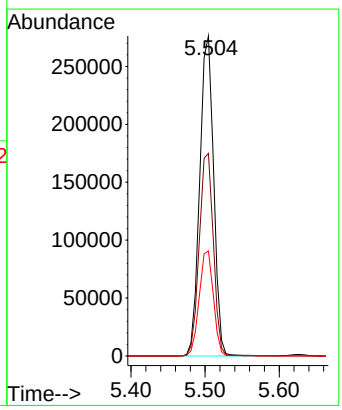


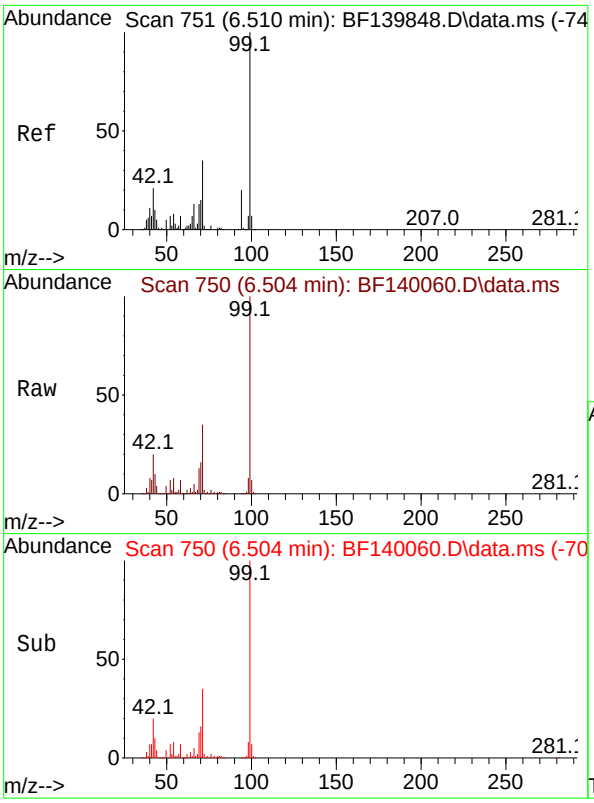


#5
2-Fluorophenol
Concen: 41.160 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Tgt Ion:112 Resp: 361177

Ion	Ratio	Lower	Upper
112	100		
64	63.3	53.0	79.6
63	32.8	27.0	40.4



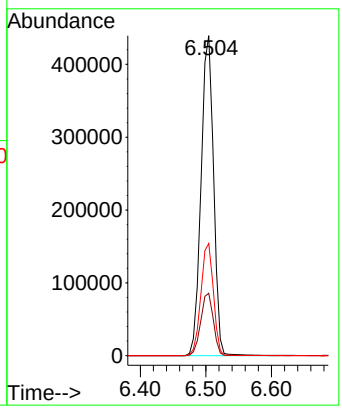


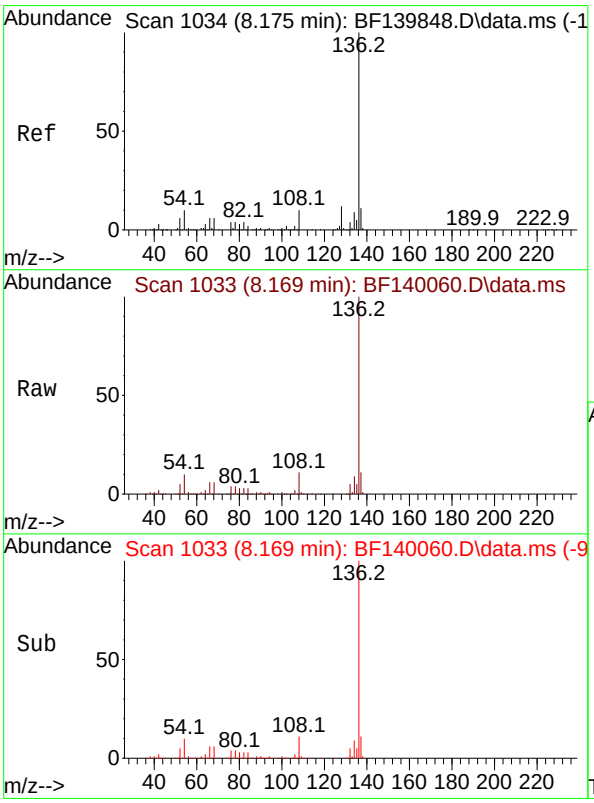
#7
Phenol-d6
Concen: 51.542 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Instrument :
BNA_F
ClientSampleId :
FOREST-ST-CO

Tgt Ion: 99 Resp: 585771

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.7	25.1
71	35.1	27.7	41.5

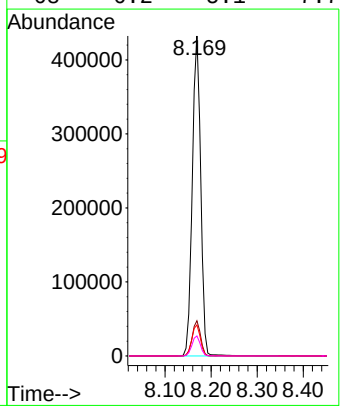


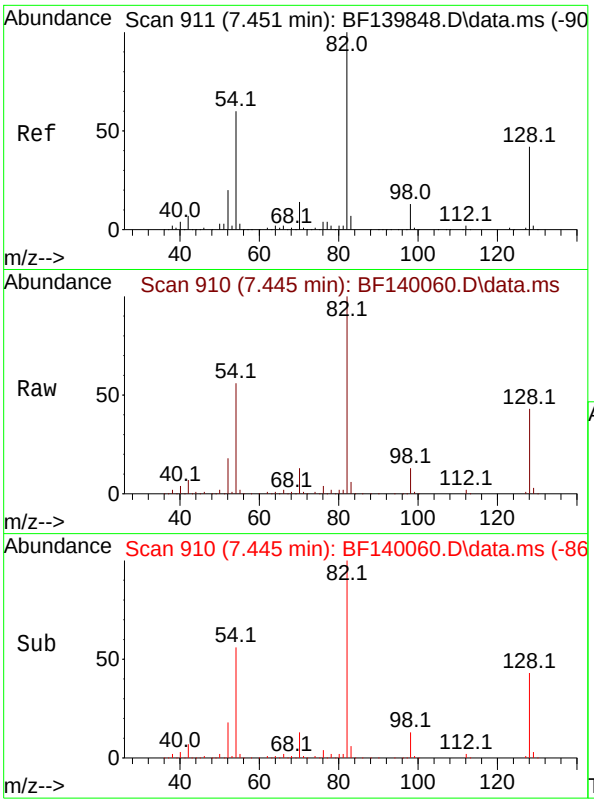


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Tgt Ion:136 Resp: 545971

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.7	8.4	12.6
68	6.2	5.1	7.7



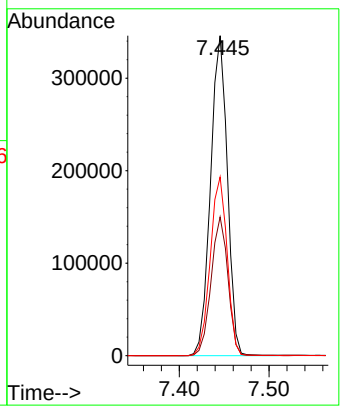


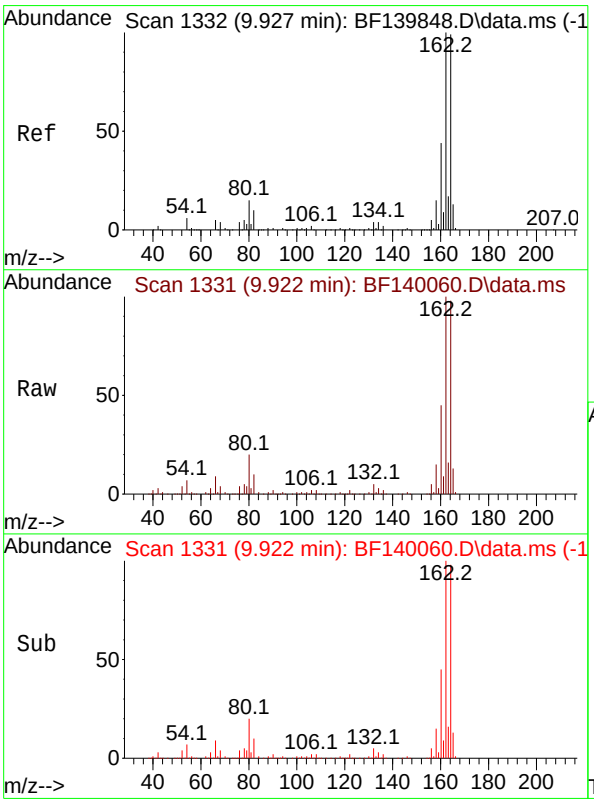
#23
Nitrobenzene-d5
Concen: 45.748 ng
RT: 7.445 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Instrument :
BNA_F
ClientSampleId :
FOREST-ST-CO

Tgt Ion: 82 Resp: 450653

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	55.8	47.8	71.8

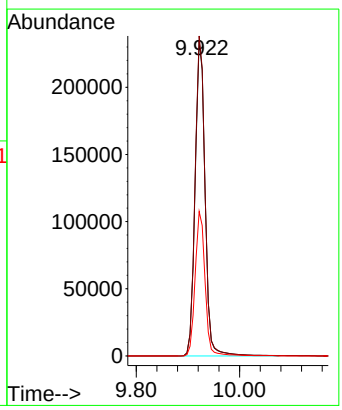


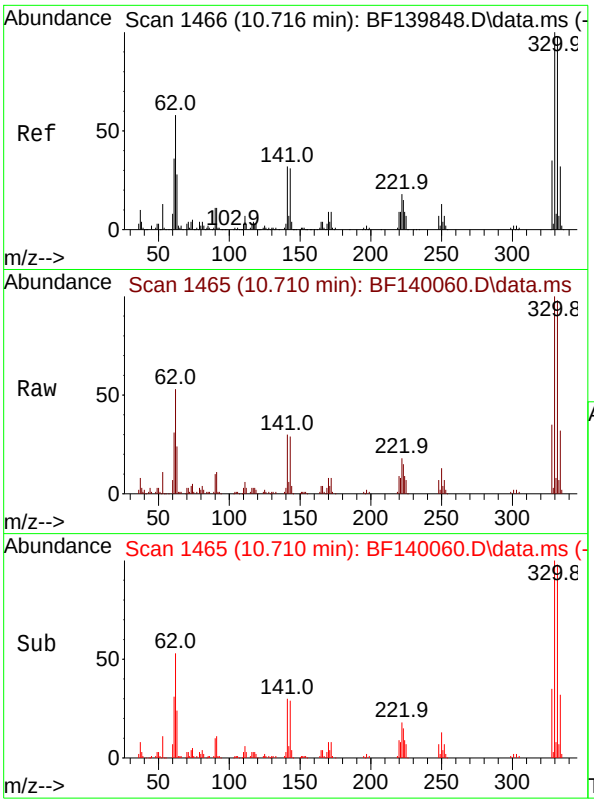


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Tgt Ion:164 Resp: 313958

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.0	121.4
160	45.8	35.4	53.0



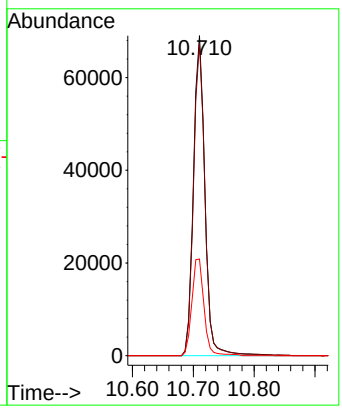


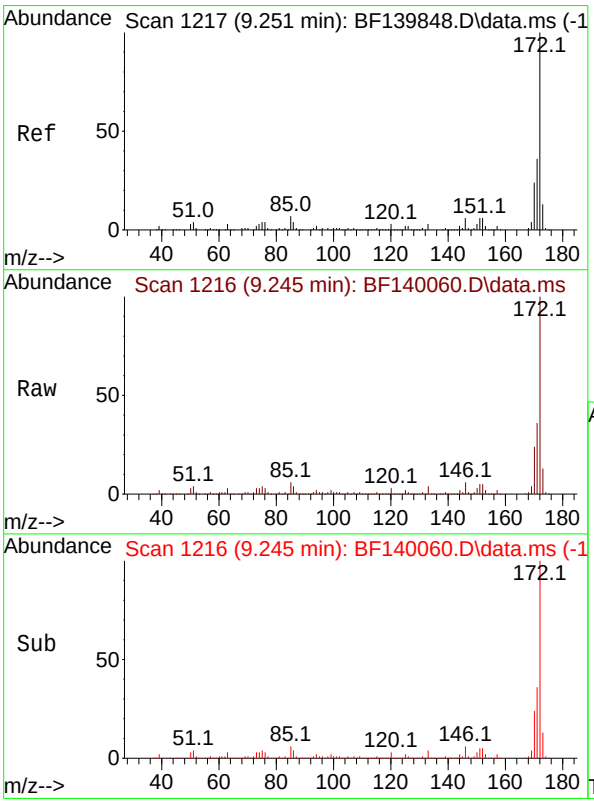
#42
2,4,6-Tribromophenol
Concen: 30.852 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Instrument :
BNA_F
ClientSampleId :
FOREST-ST-CO

Tgt Ion:330 Resp: 90601

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	31.9	26.6	39.8

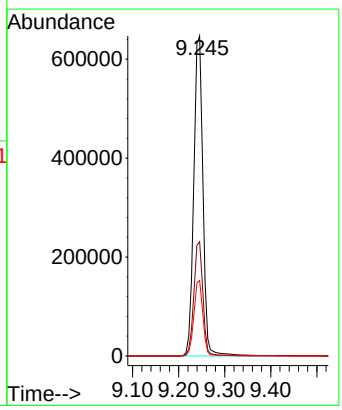


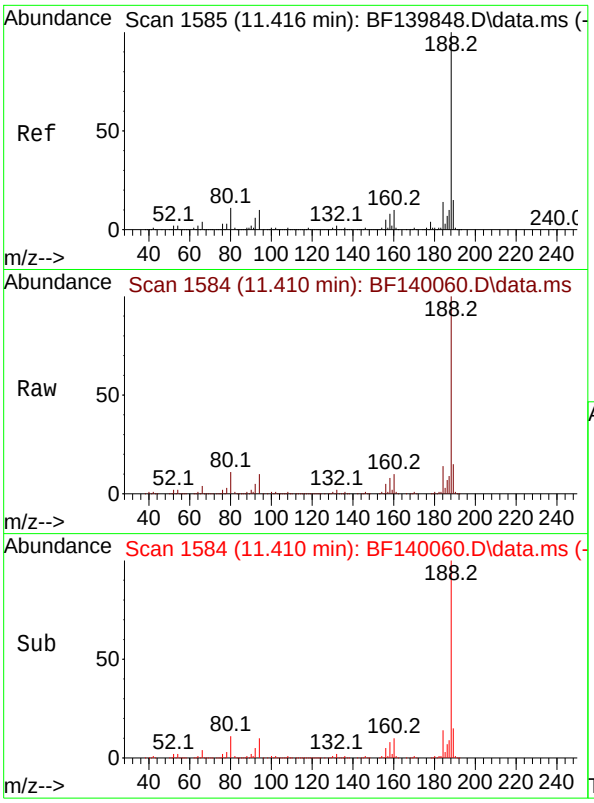


#45
2-Fluorobiphenyl
Concen: 47.135 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Tgt Ion:172 Resp: 895411

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.1	28.7



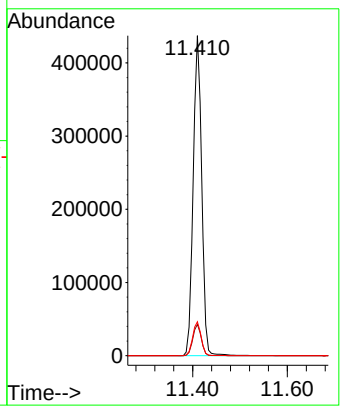


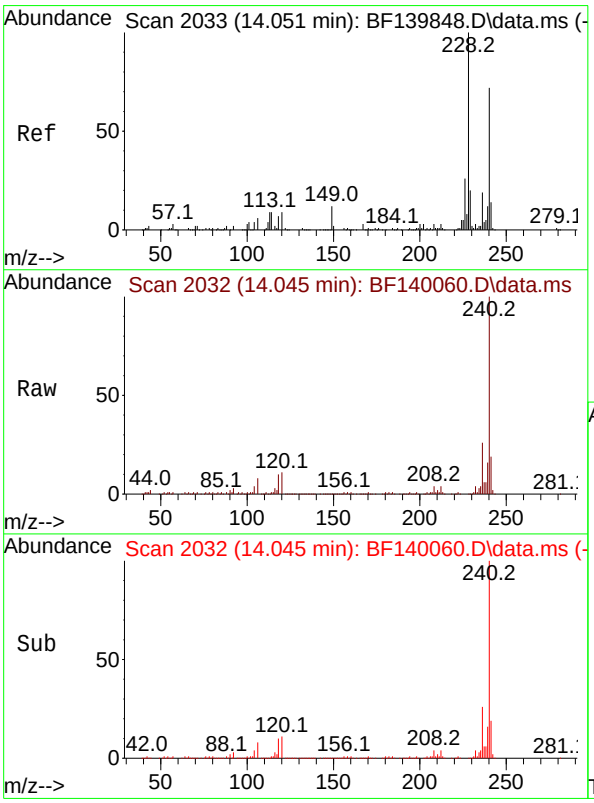
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Instrument :
BNA_F
ClientSampleId :
FOREST-ST-CO

Tgt Ion:188 Resp: 546322

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	10.6	9.0	13.4

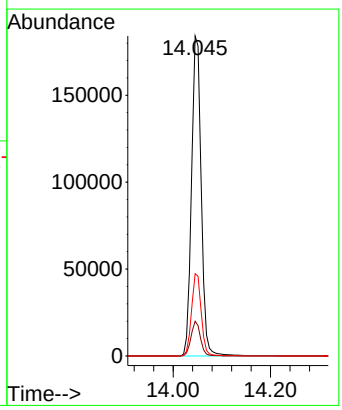


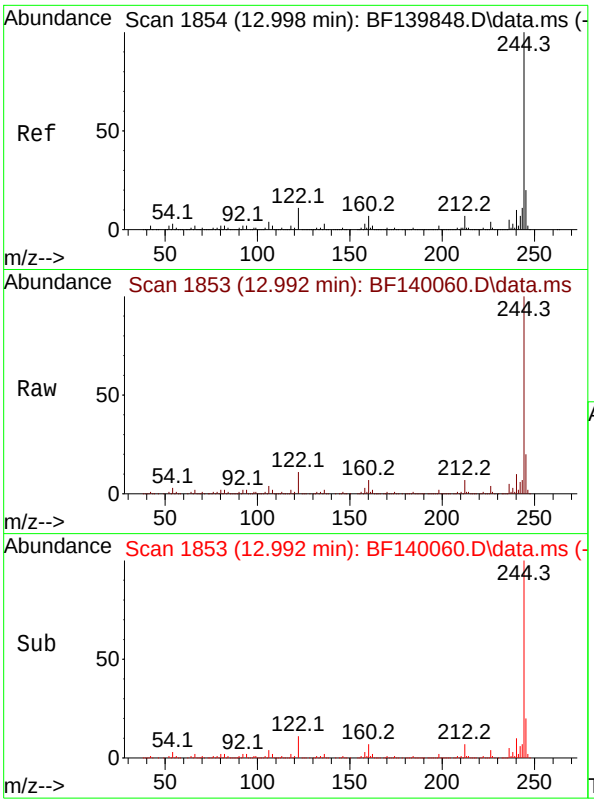


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Tgt Ion:240 Resp: 255275

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.4	14.2
236	25.7	20.9	31.3



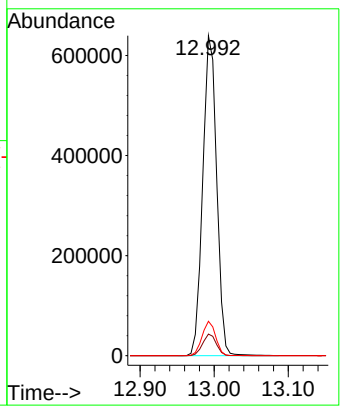


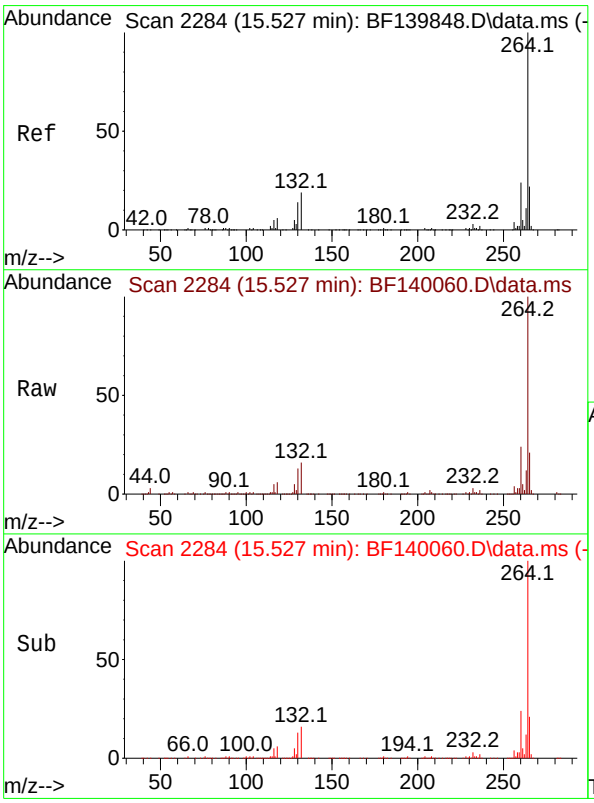
#79
Terphenyl-d14
Concen: 53.341 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Instrument :
BNA_F
ClientSampleId :
FOREST-ST-CO

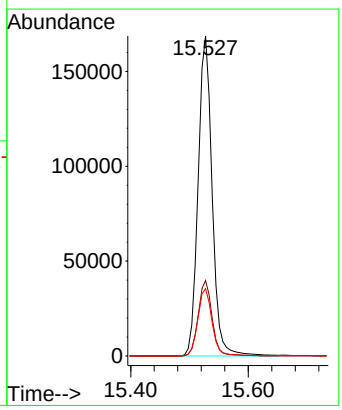
Tgt Ion:244 Resp: 835641

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.8	8.6	13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140060.D
Acq: 26 Oct 2024 15:23

Tgt Ion:264 Resp: 279095

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.1	17.4	26.0