Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140149.D
Acq On : 30 Oct 2024 08:34
Operator : RC/JU
Sample : P4598-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F11

Quant Time: Oct 30 09:01:48 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	124574	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	494009	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	262396	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	385761	20.000	ng	0.00
76) Chrysene-d12	14.057	240	253211	20.000	ng	0.00
86) Perylene-d12	15.551	264	188588	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	967852	121.627	ng	0.02
7) Phenol-d6	6.510	99	1172117	113.729	ng	0.00
23) Nitrobenzene-d5	7.451	82	836125	93.806	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	270473	110.201	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1458343	91.854	ng	0.00
79) Terphenyl-d14	12.998	244	1256954	80.888	ng	0.00

Target Compounds	Qvalue

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

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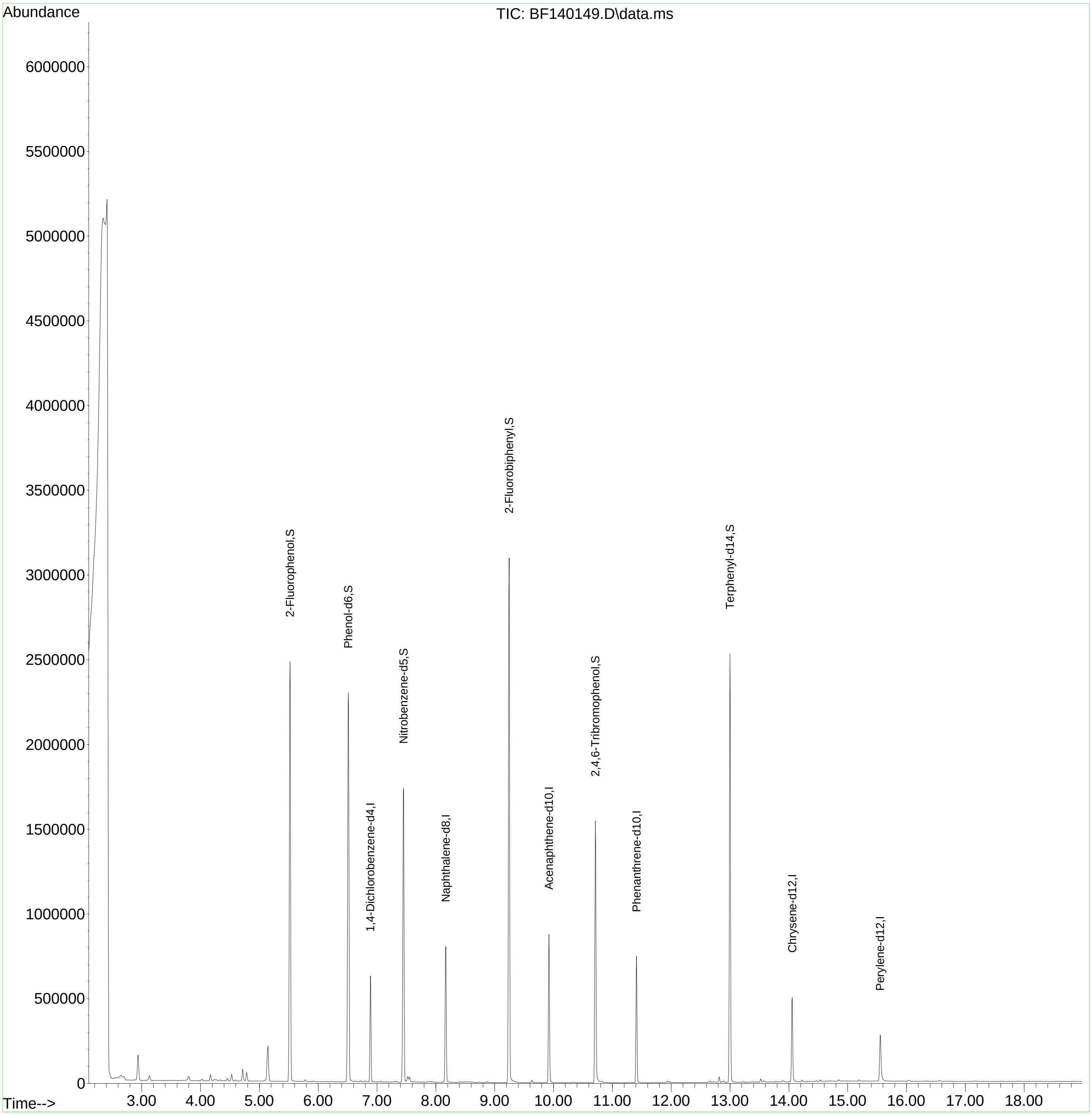
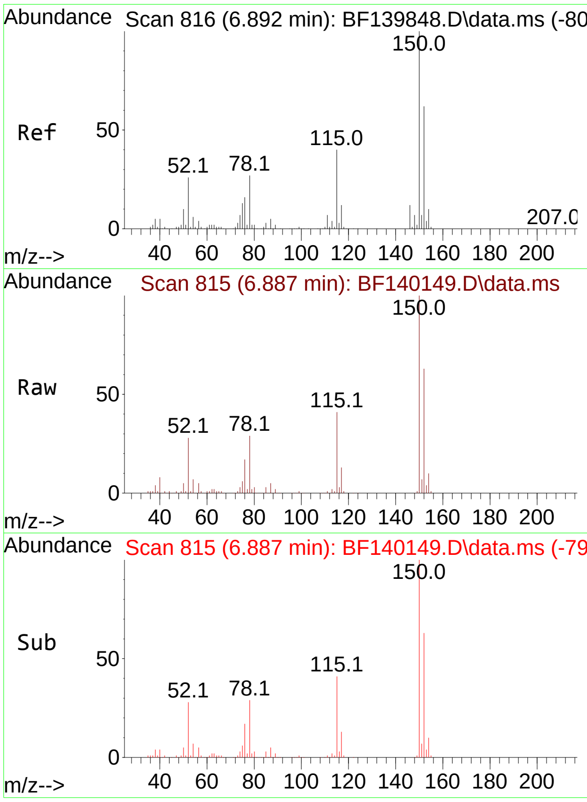


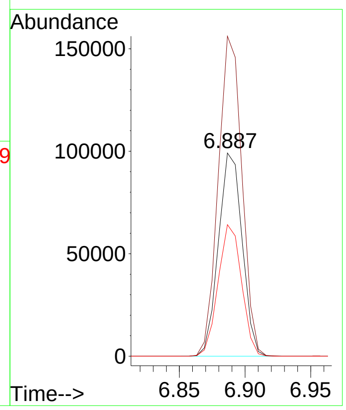


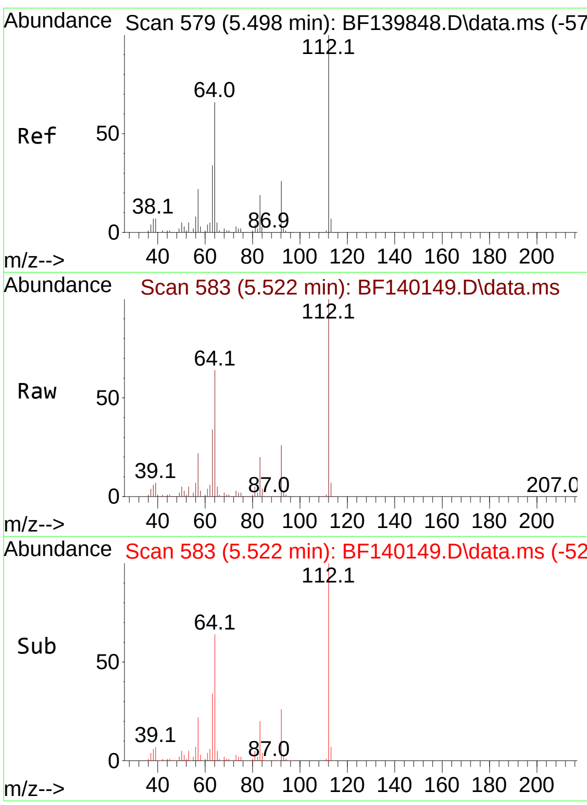
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 8
Delta R.T. -0.005 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Instrument :
BNA_F
ClientSampleId :
BP-F11

Tgt Ion:152 Resp: 124574

Ion	Ratio	Lower	Upper
152	100		
150	157.5	130.2	195.2
115	64.7	51.4	77.2

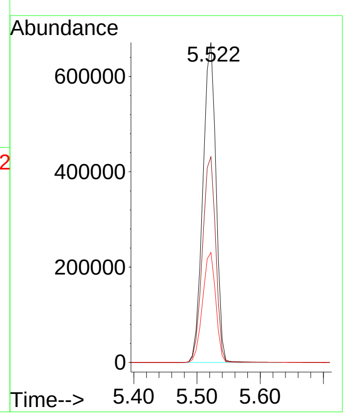


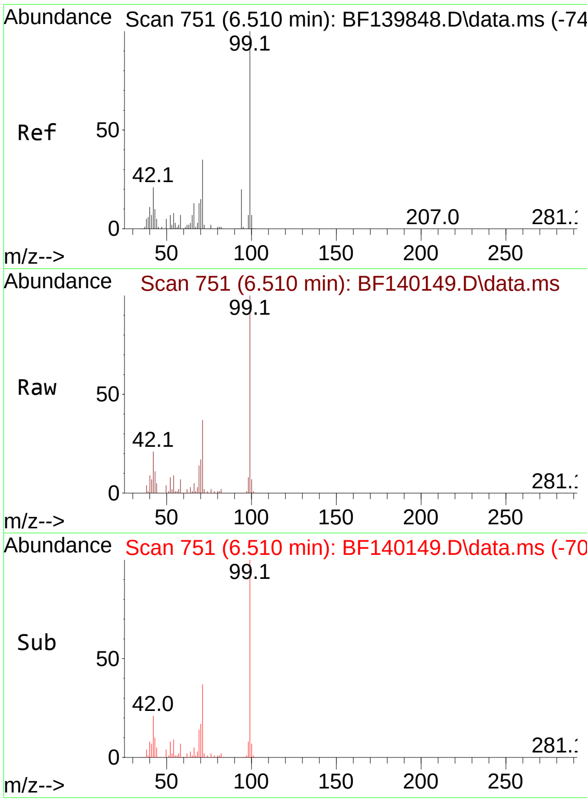


#5
2-Fluorophenol
Concen: 121.627 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:112 Resp: 967852

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.0	79.6
63	34.4	27.0	40.4



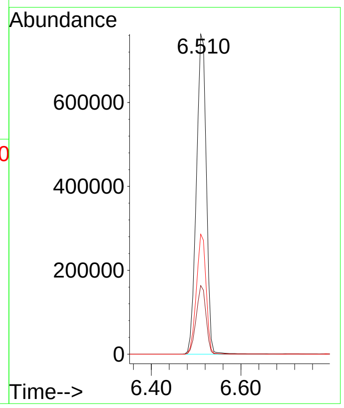


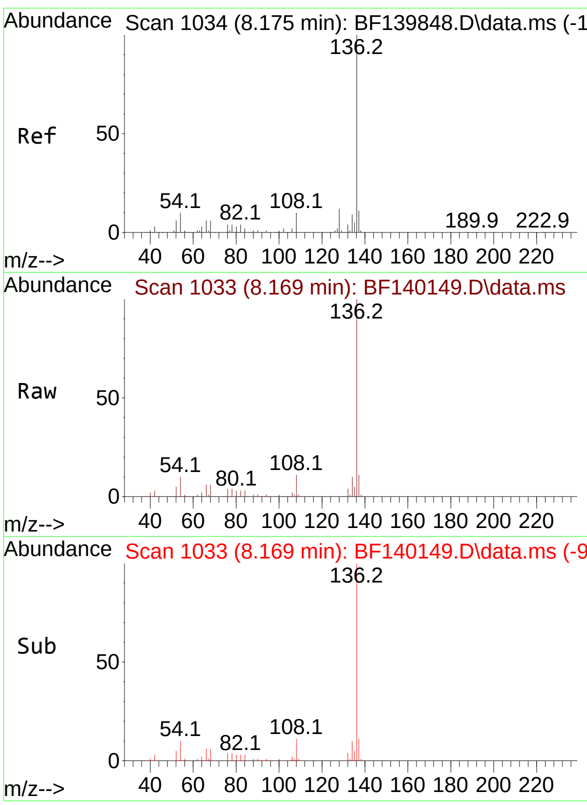
#7
Phenol-d6
Concen: 113.729 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Instrument :
BNA_F
ClientSampleId :
BP-F11

Tgt Ion: 99 Resp: 1172117

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.7	25.1
71	37.5	27.7	41.5

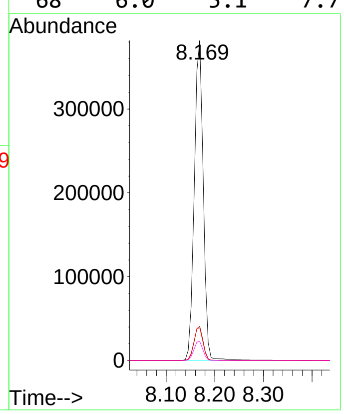


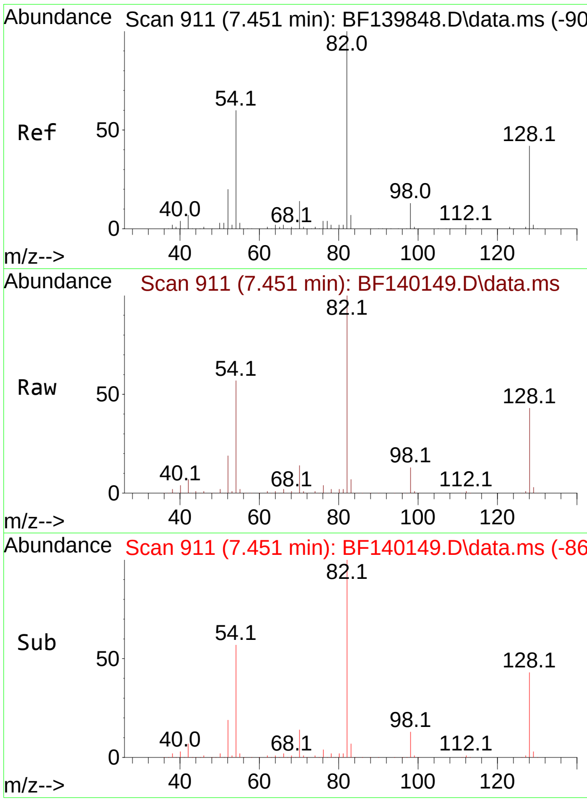


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:136 Resp: 494009

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.2	8.4	12.6
68	6.0	5.1	7.7





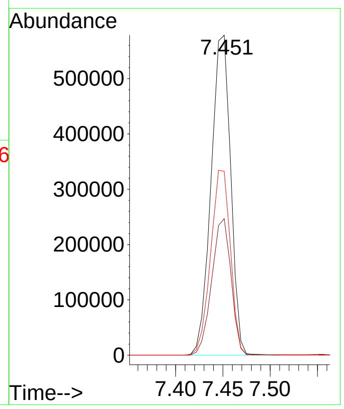
#23
Nitrobenzene-d5
Concen: 93.806 ng
RT: 7.451 min Scan# 9

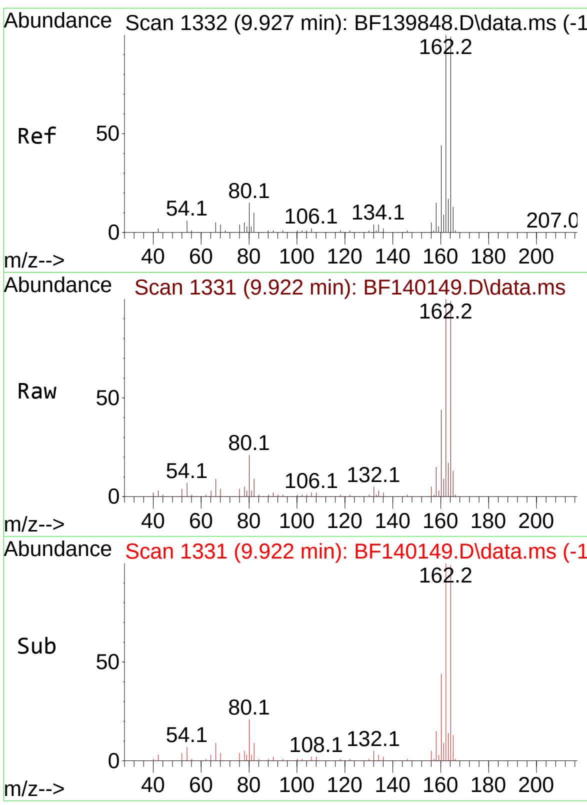
Instrument :
BNA_F
ClientSampleId :
BP-F11

Delta R.T. 0.000 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion: 82 Resp: 836125

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	57.4	47.8	71.8

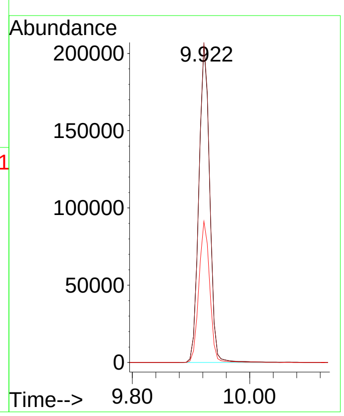


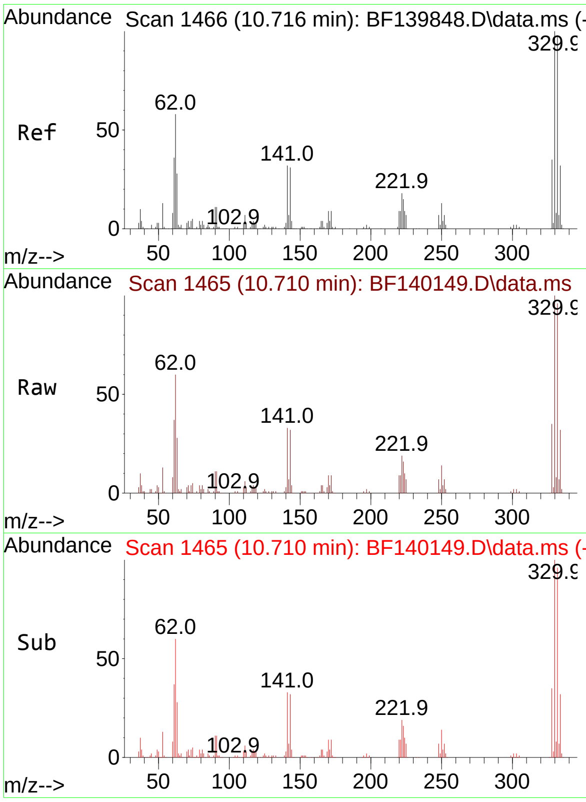


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:164 Resp: 262396

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.0	121.4
160	44.5	35.4	53.0



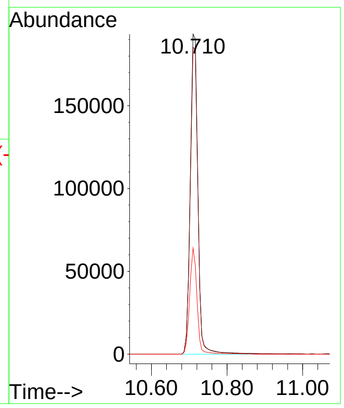


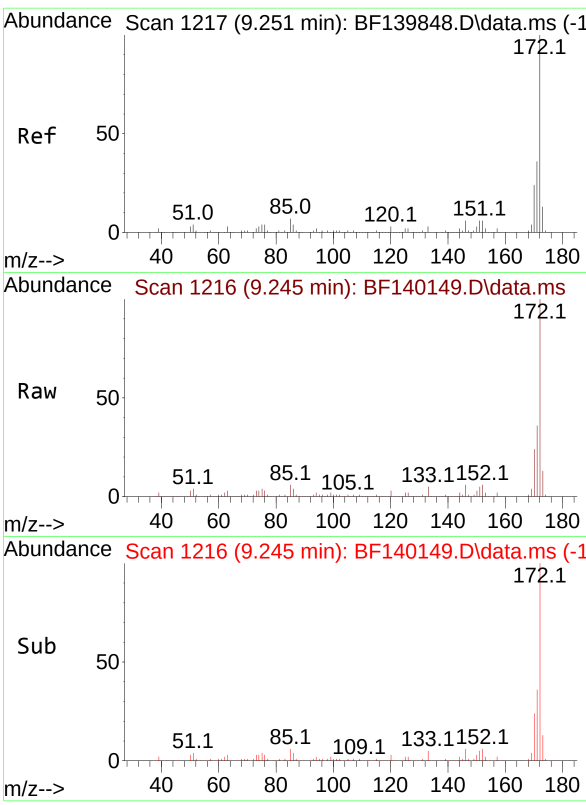
#42
2,4,6-Tribromophenol
Concen: 110.201 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Instrument :
BNA_F
ClientSampleId :
BP-F11

Tgt Ion:330 Resp: 270473

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	31.9	26.6	39.8

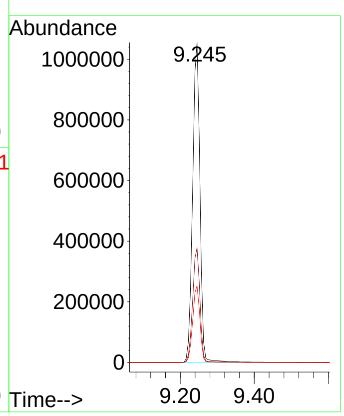


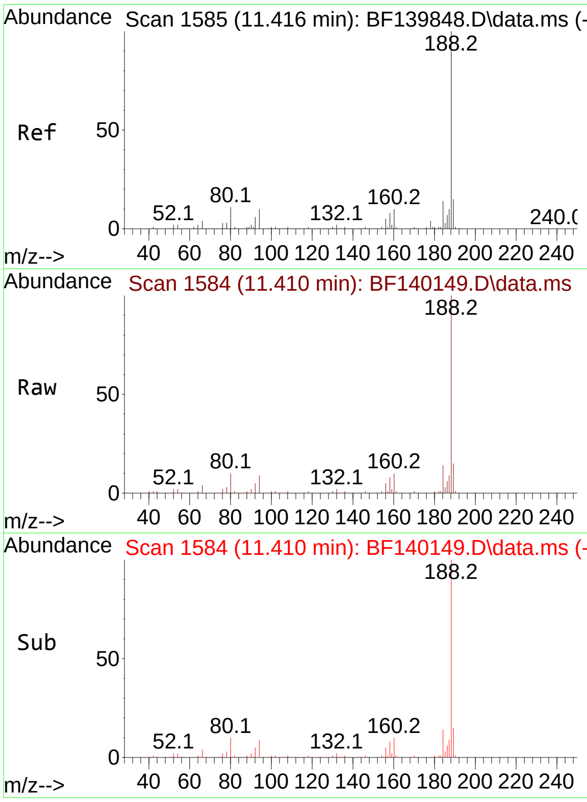


#45
2-Fluorobiphenyl
Concen: 91.854 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:172 Resp: 1458343

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.1	28.7



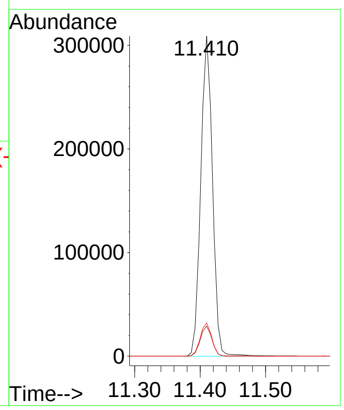


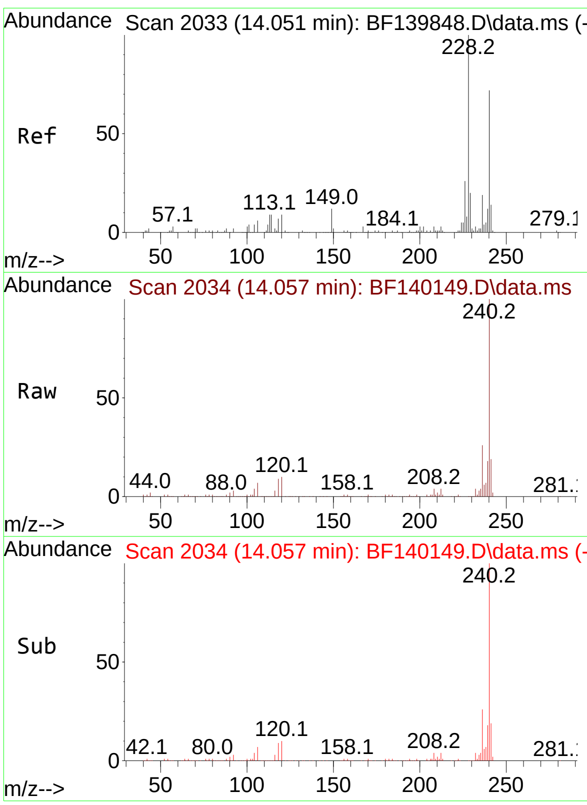
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1!
Delta R.T.   -0.006 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Instrument :
BNA_F
ClientSampleId :
BP-F11

Tgt Ion:188 Resp: 385761

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.3	9.0	13.4

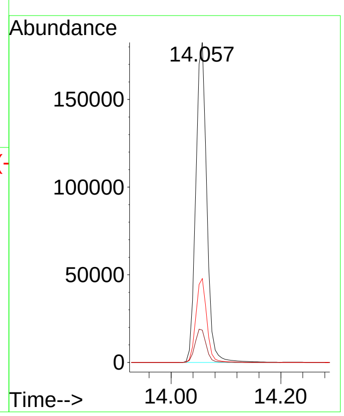


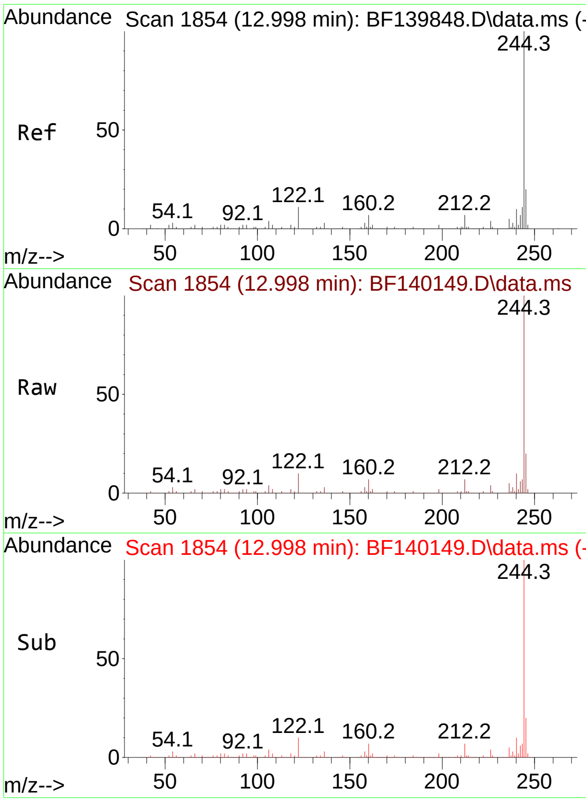


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T.   0.006 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:240 Resp: 253211

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.4	14.2
236	26.2	20.9	31.3





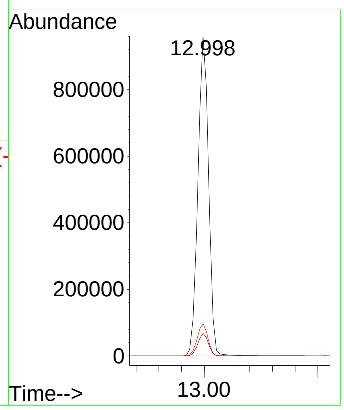
#79
Terphenyl-d14
Concen: 80.888 ng
RT: 12.998 min Scan# 1

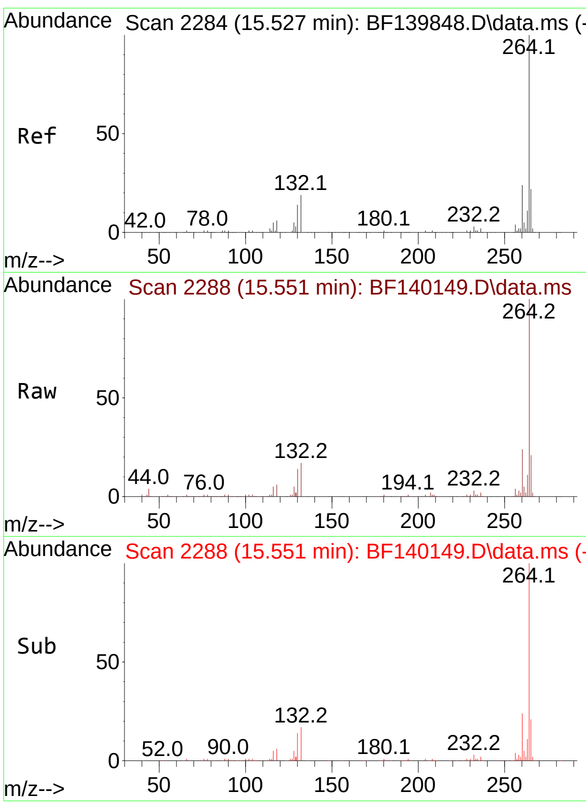
Instrument :
BNA_F
ClientSampleId :
BP-F11

Delta R.T. 0.000 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:244 Resp: 1256954

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.1	8.6	13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.024 min
Lab File: BF140149.D
Acq: 30 Oct 2024 08:34

Tgt Ion:264 Resp: 188588

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.1	17.4	26.0