Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131148.D
Acq On : 11 Nov 2022 11:12
Operator : CG\JU
Sample : PB148960BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148960BL

Quant Time: Nov 11 14:41:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65615	20.000	ng	-0.01
21) Naphthalene-d8	8.169	136	264759	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	167476	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	290798	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	218910	20.000	ng	-0.01
86) Perylene-d12	15.563	264	155865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	387117	100.333	ng	0.00
7) Phenol-d6	6.510	99	447428	88.701	ng	-0.01
23) Nitrobenzene-d5	7.451	82	461419	78.633	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	131215	75.811	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	826615	68.901	ng	-0.01
79) Terphenyl-d14	13.016	244	1055983	84.577	ng	0.00
Target Compounds						Qvalue

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

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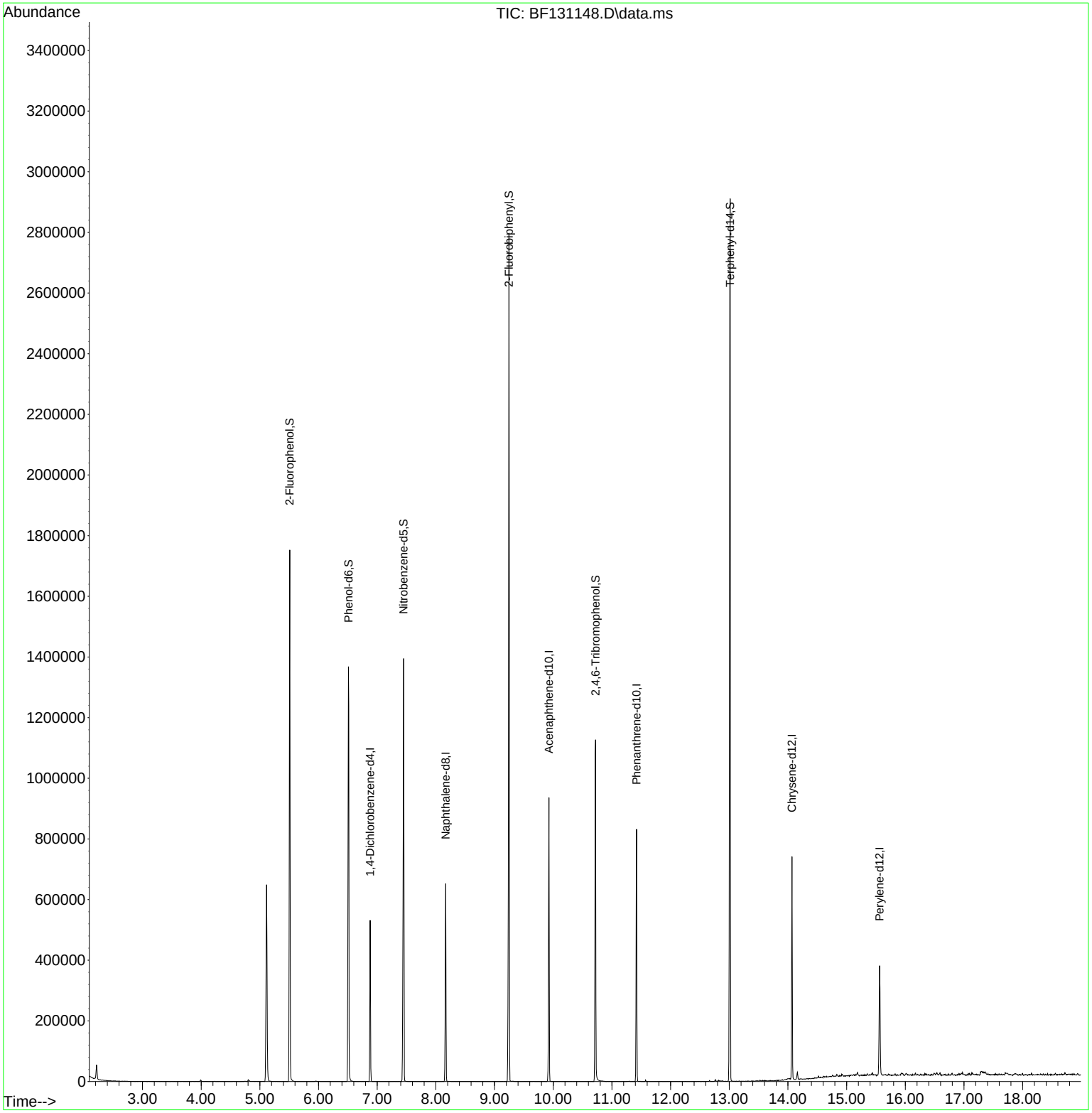
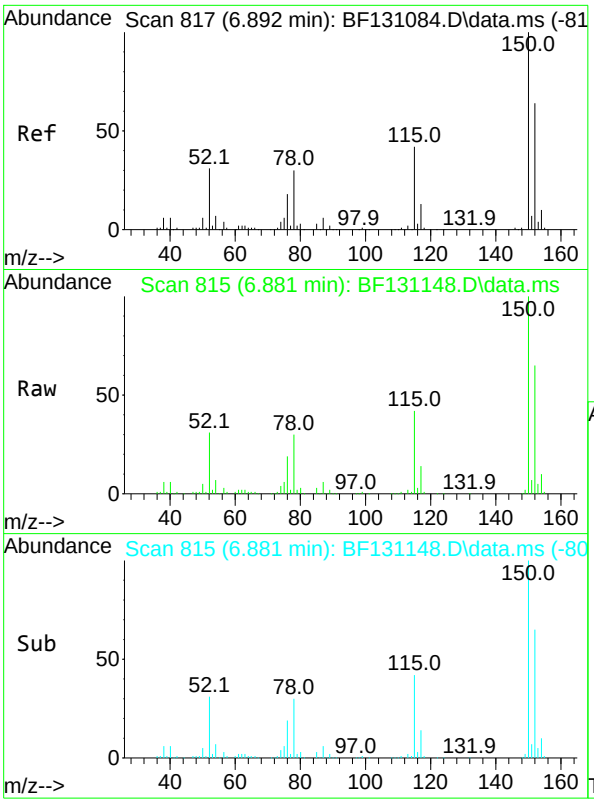


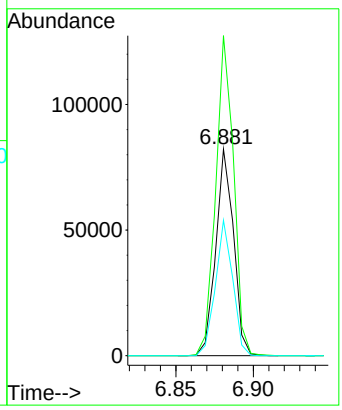


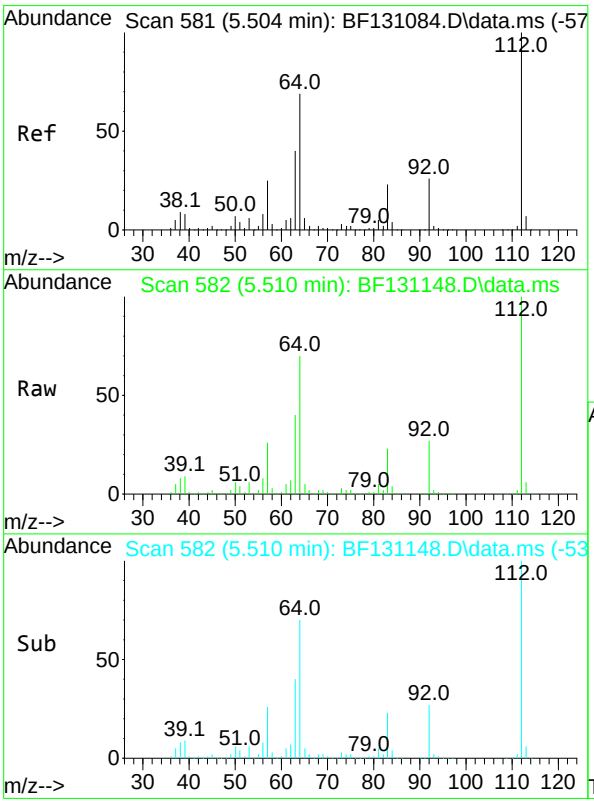
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB148960BL

Tgt Ion:152 Resp: 65615

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.5	188.3
115	65.6	52.2	78.2

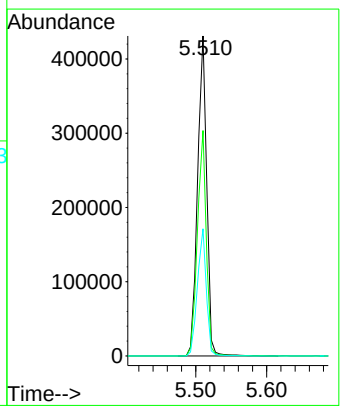


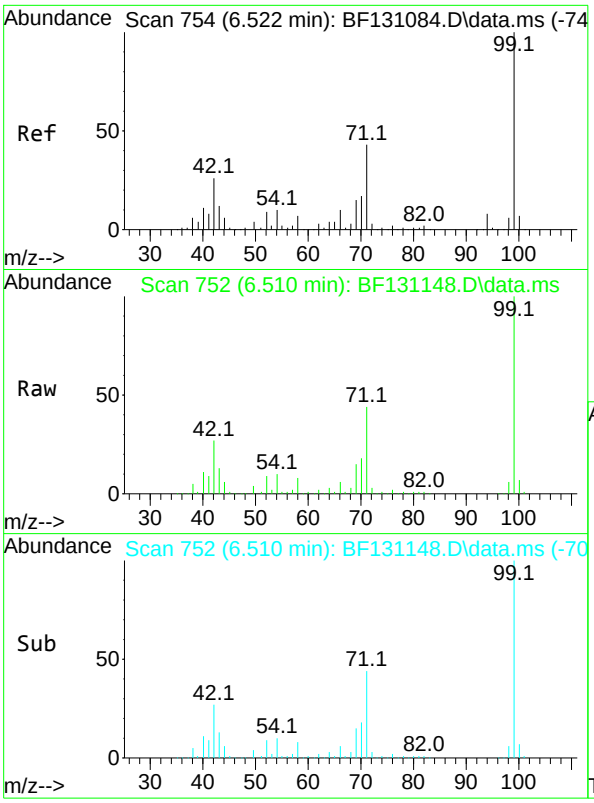


#5
2-Fluorophenol
Concen: 100.333 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Tgt Ion:112 Resp: 387117

Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.1	82.7
63	39.8	32.4	48.6



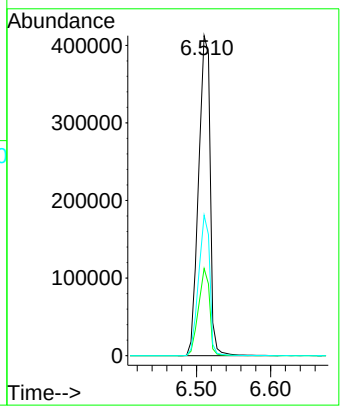


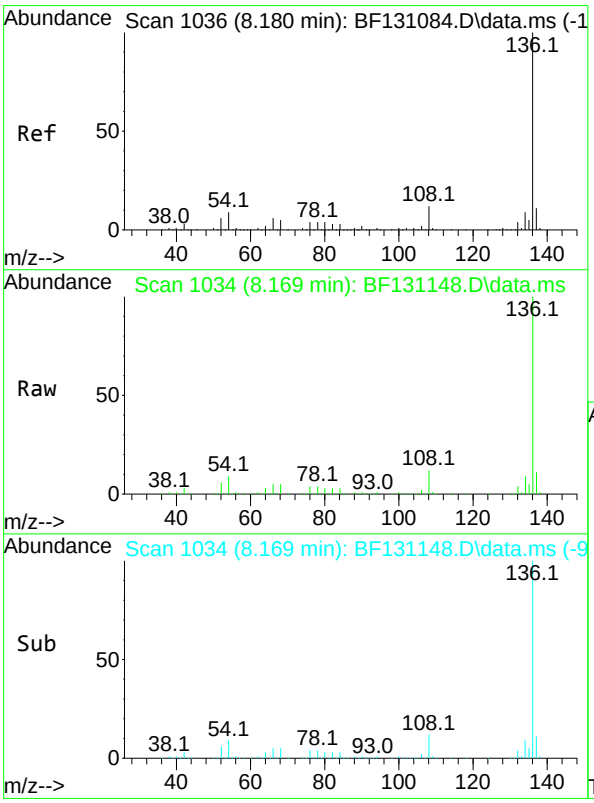
#7
Phenol-d6
Concen: 88.701 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB148960BL

Tgt Ion: 99 Resp: 447428

Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.8	31.2
71	43.9	34.2	51.4

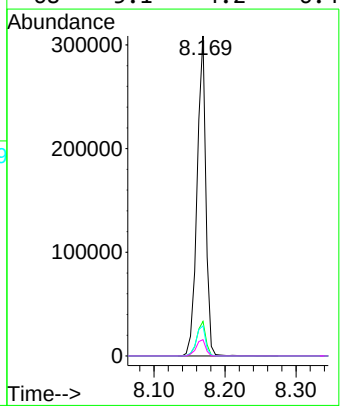


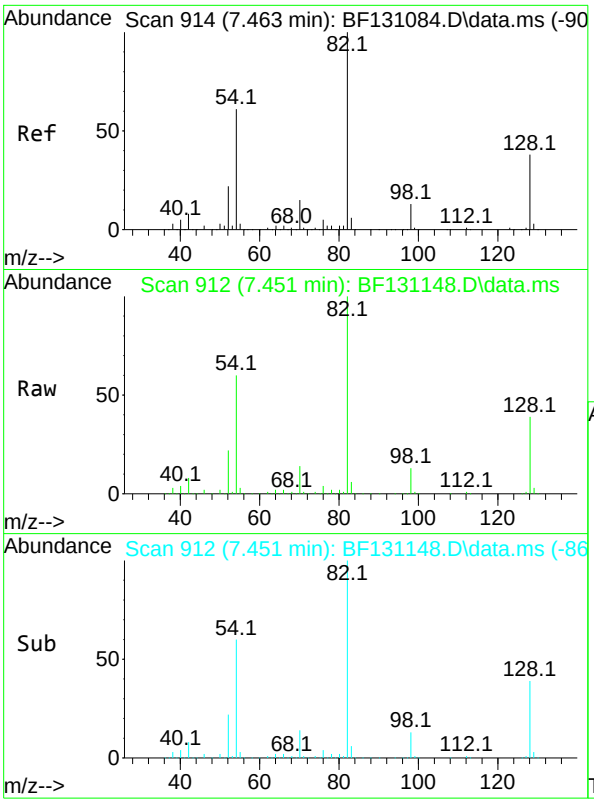


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Tgt Ion:136 Resp: 264759

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.4	7.2	10.8
68	5.1	4.2	6.4



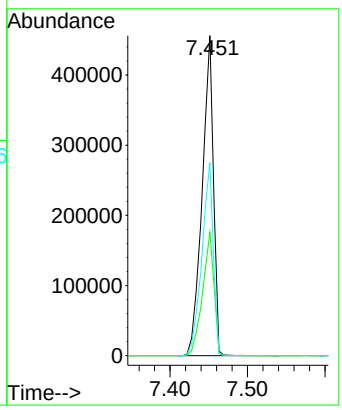


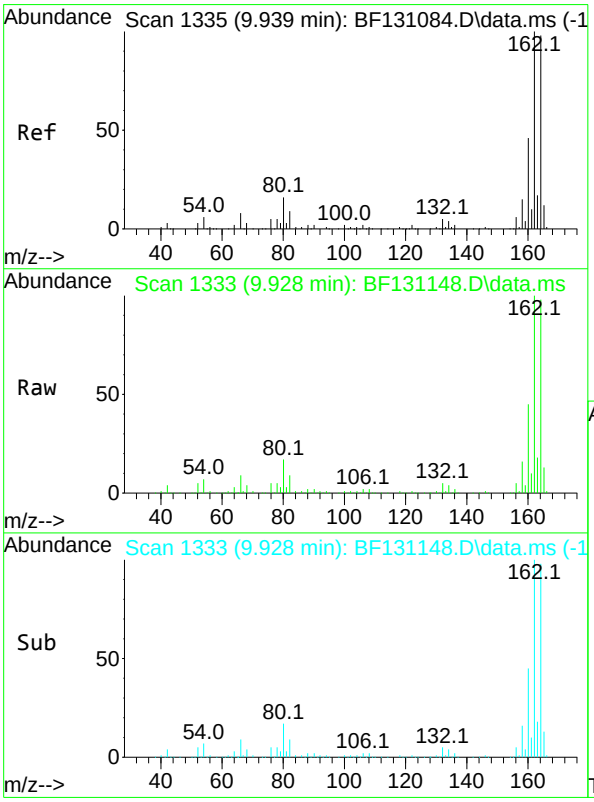
#23
Nitrobenzene-d5
Concen: 78.633 ng
RT: 7.451 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB148960BL

Tgt Ion: 82 Resp: 461419

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	60.4	49.1	73.7

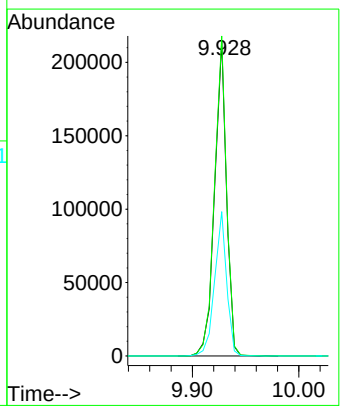


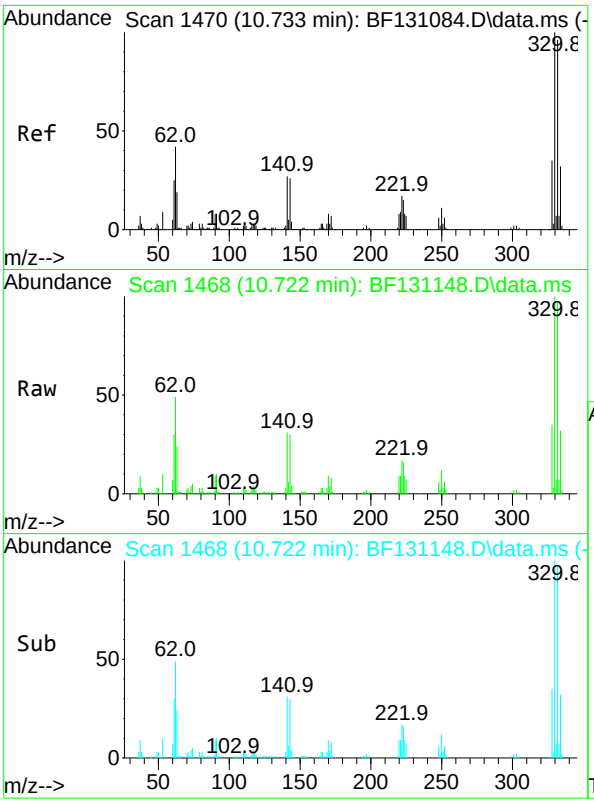


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.011 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Tgt Ion:164 Resp: 167476

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.7	122.5
160	45.8	37.4	56.2



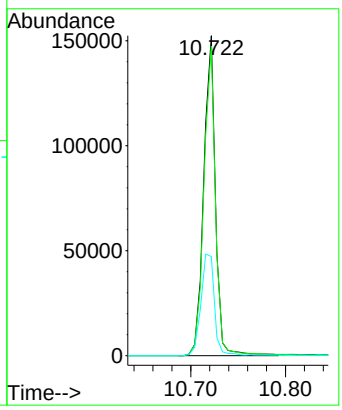


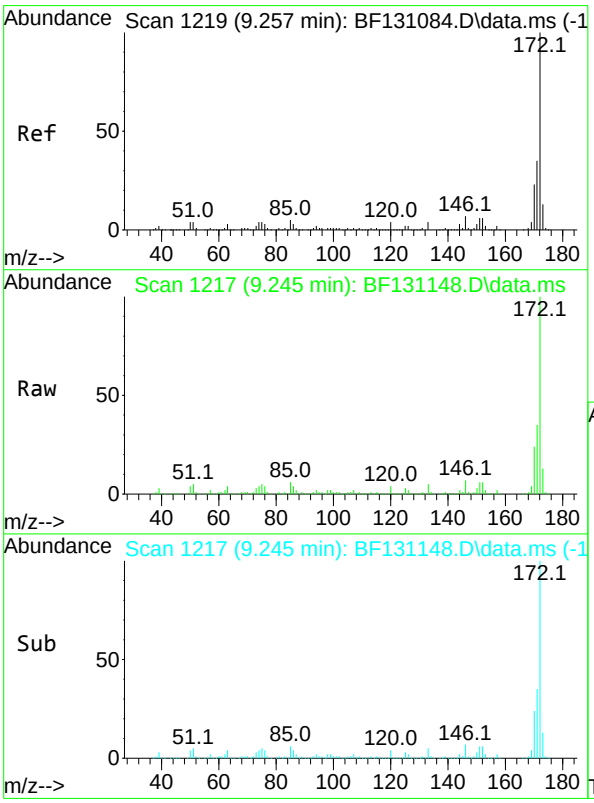
#42
2,4,6-Tribromophenol
Concen: 75.811 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB148960BL

Tgt Ion:330 Resp: 131215

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	36.9	28.5	42.7

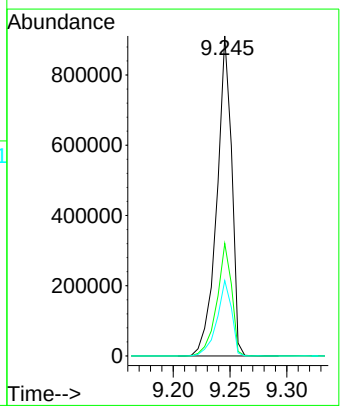


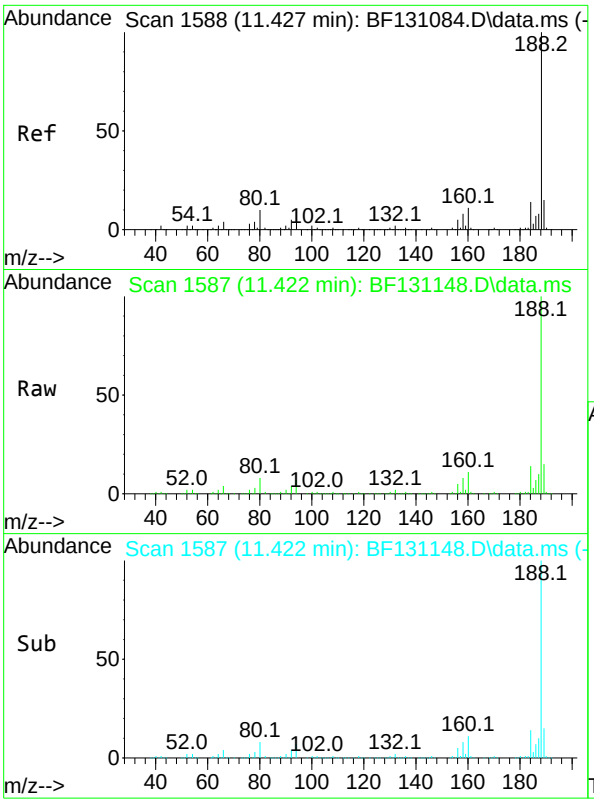


#45
2-Fluorobiphenyl
Concen: 68.901 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Tgt Ion:172 Resp: 826615

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.5	18.8	28.2



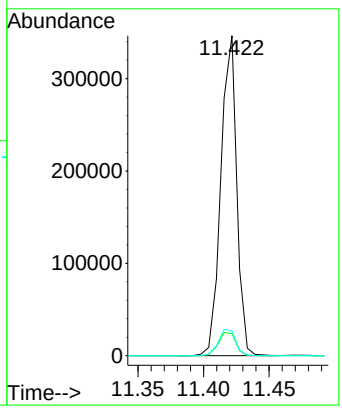


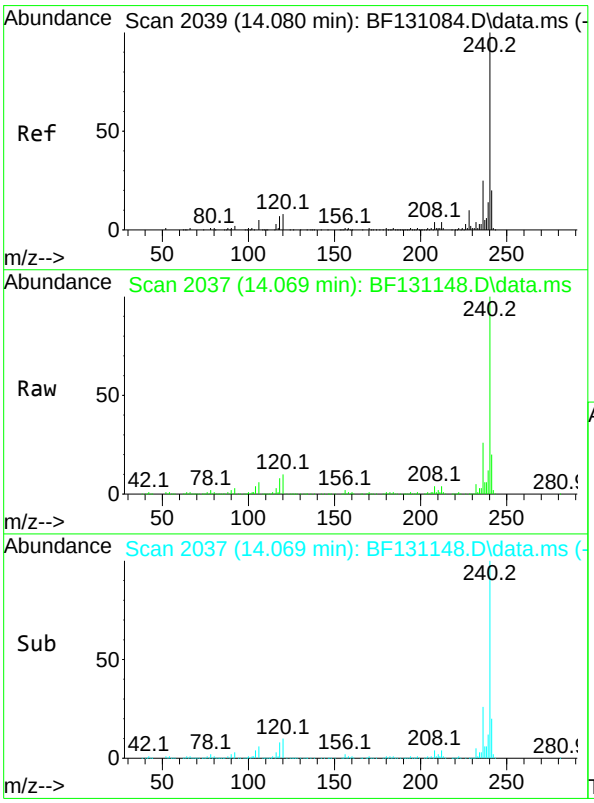
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB148960BL

Tgt Ion:188 Resp: 290798

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.0	10.6#
80	7.7	7.9	11.9#

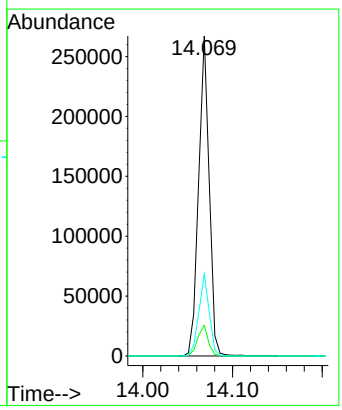


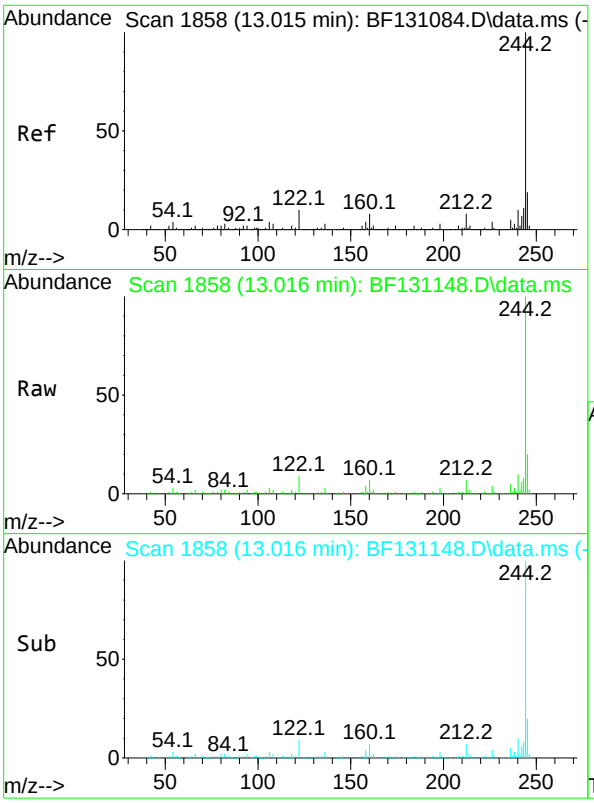


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Tgt Ion:240 Resp: 218910

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.5	9.7
236	25.6	19.7	29.5



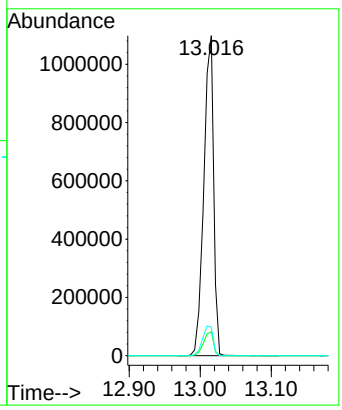


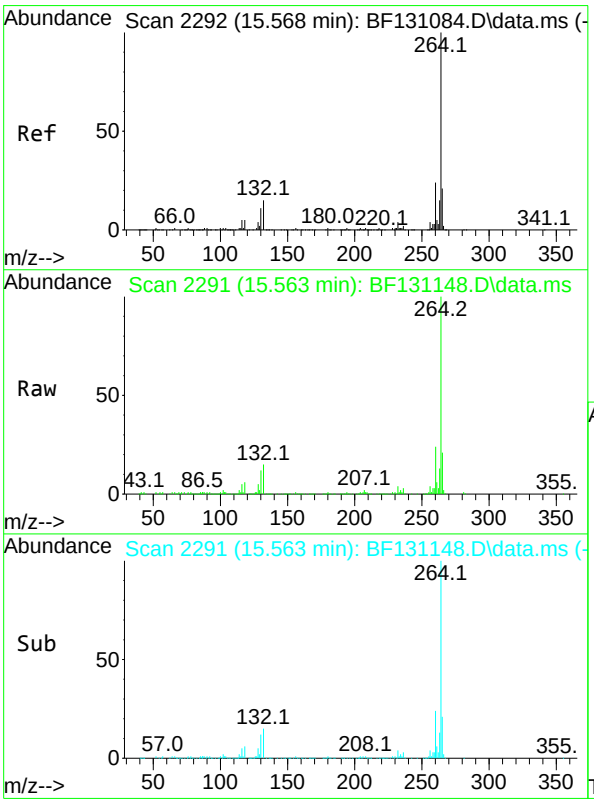
#79
Terphenyl-d14
Concen: 84.577 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB148960BL

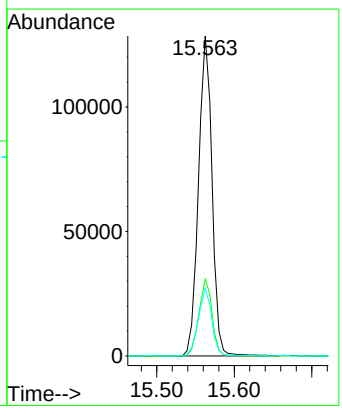
Tgt Ion:244 Resp: 1055983

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.0	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF131148.D
Acq: 11 Nov 2022 11:12

Tgt Ion:264 Resp: 155865

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.1	16.7	25.1