Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134116.D
Acq On : 07 Jul 2023 01:55
Operator : CG\JU
Sample : 03392-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-64

Quant Time: Jul 07 04:10:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	122634	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	471383	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	243680	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	470571	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	302532	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	233807	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	584228	79.691	ng	0.00
7) Phenol-d6	6.481	99	732200	81.212	ng	-0.01
23) Nitrobenzene-d5	7.404	82	474833	54.300	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	244530	80.036	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	955829	57.029	ng	0.00
79) Terphenyl-d14	12.974	244	1032199	54.911	ng	-0.01
Target Compounds						Qvalue

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

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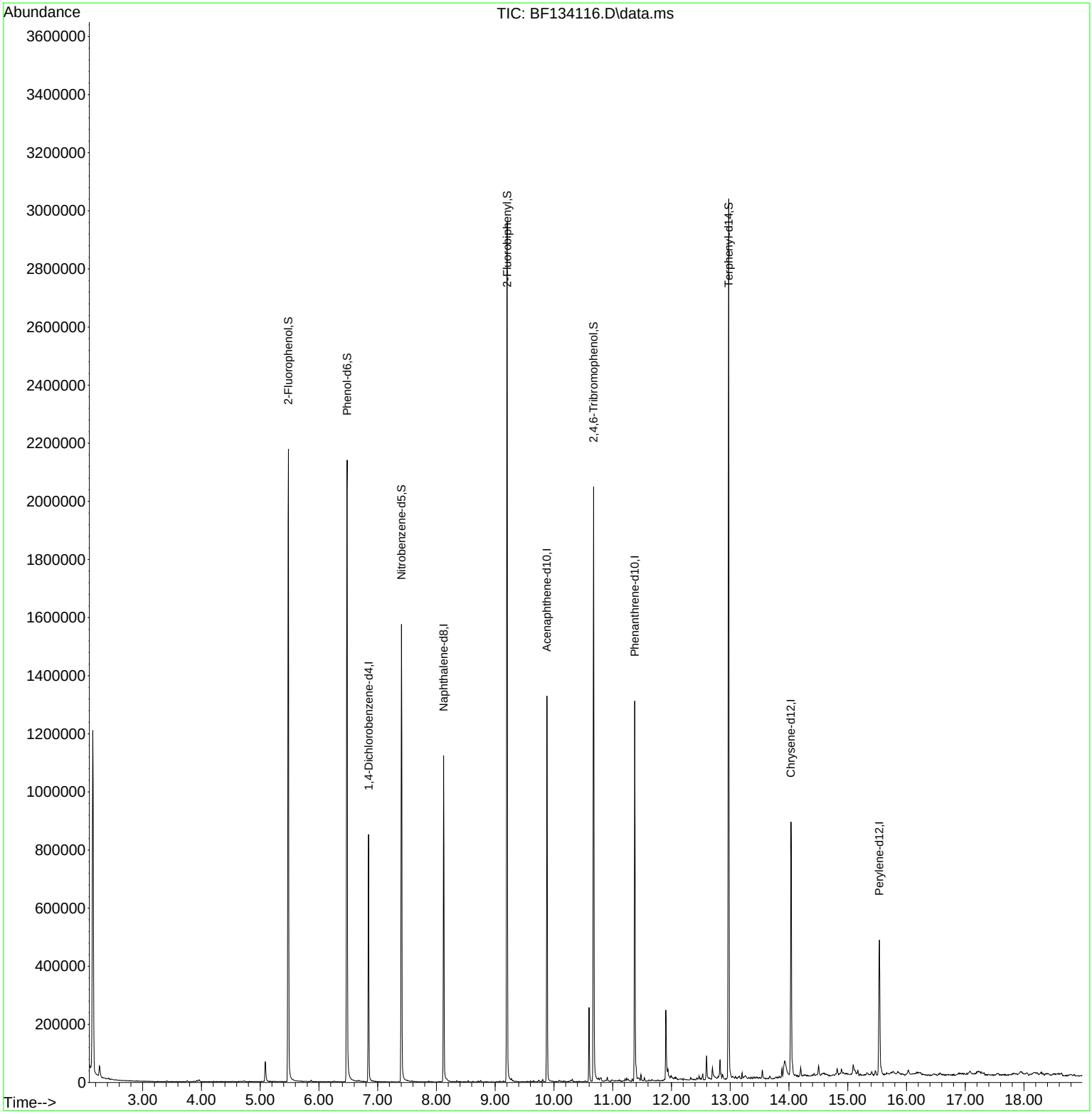
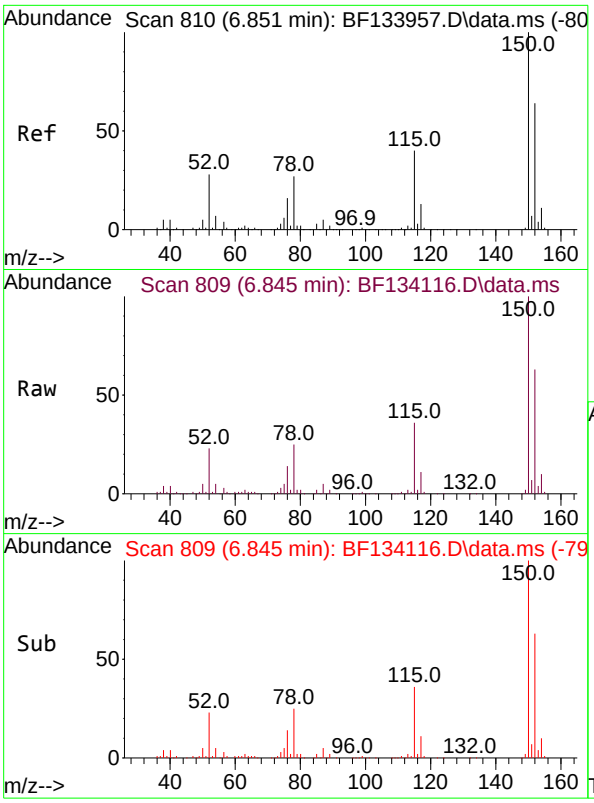


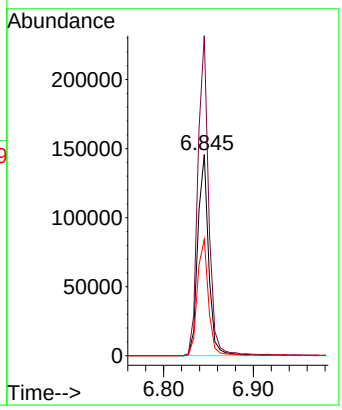


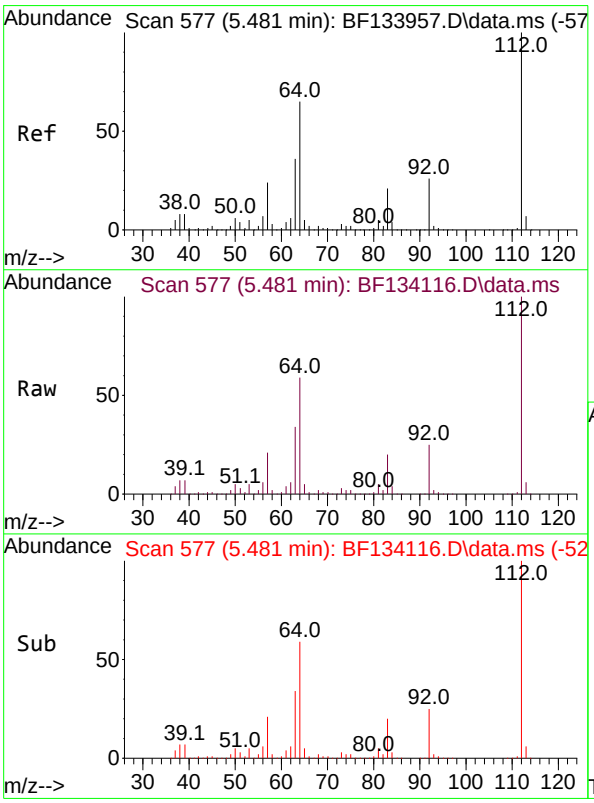
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :
SB-64

Tgt Ion:152 Resp: 122634

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.5	186.7
115	57.9	50.2	75.2

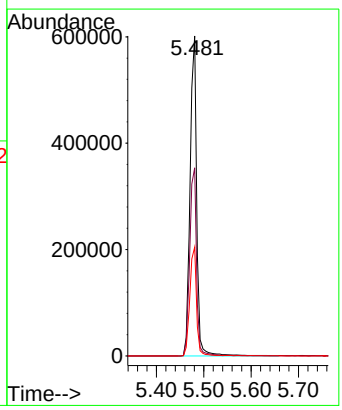


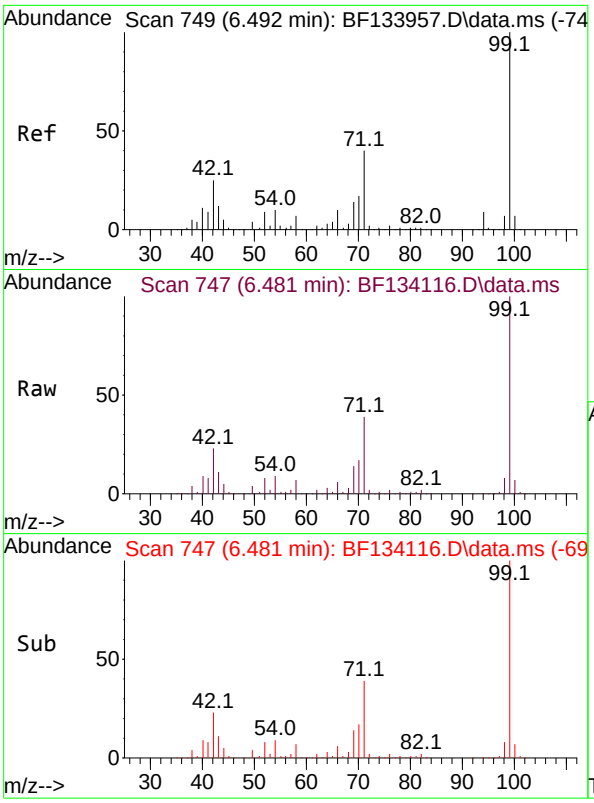


#5
2-Fluorophenol
Concen: 79.691 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion:112 Resp: 584228

Ion	Ratio	Lower	Upper
112	100		
64	58.8	52.1	78.1
63	34.0	28.6	42.8



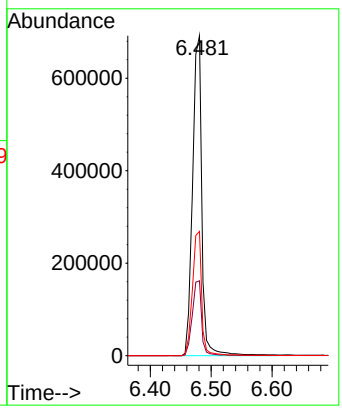


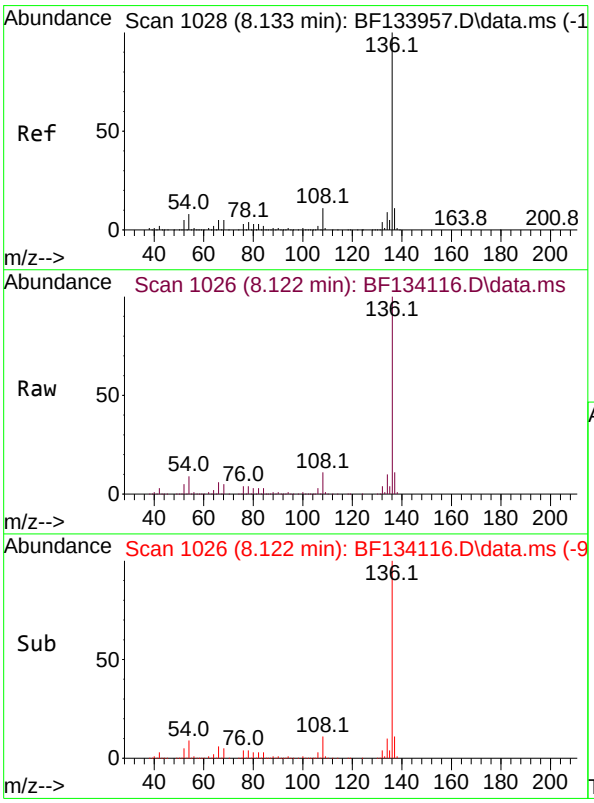
#7
Phenol-d6
Concen: 81.212 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :
SB-64

Tgt Ion: 99 Resp: 732200

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.8	29.6
71	38.8	31.9	47.9

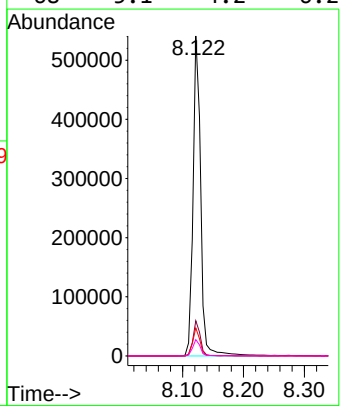


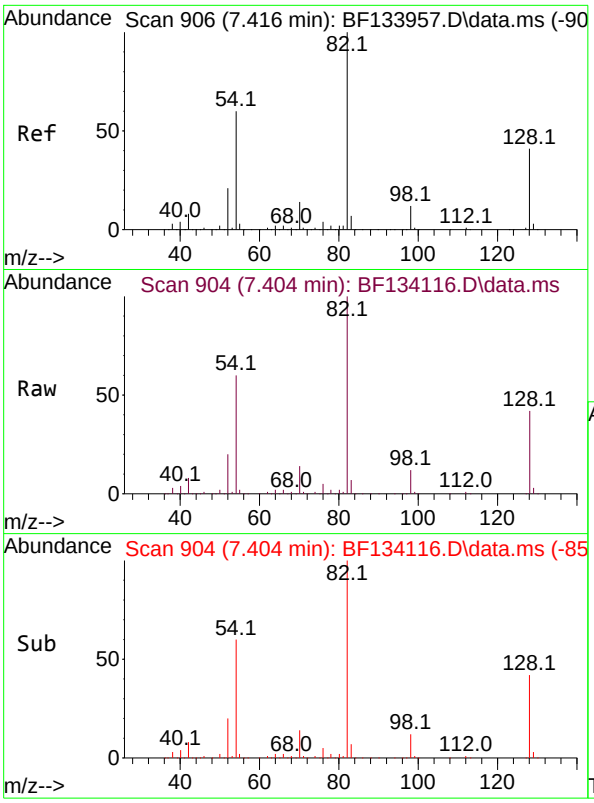


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion:136 Resp: 471383

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.7	6.5	9.7
68	5.1	4.2	6.2



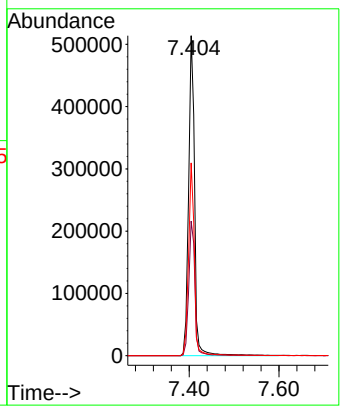


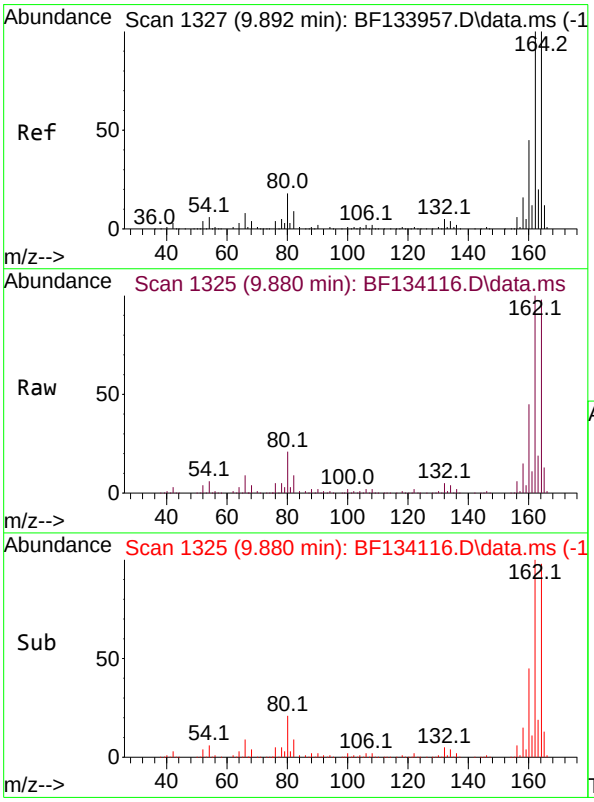
#23
Nitrobenzene-d5
Concen: 54.300 ng
RT: 7.404 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :
SB-64

Tgt Ion: 82 Resp: 474833

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.5	48.7
54	60.2	48.2	72.2

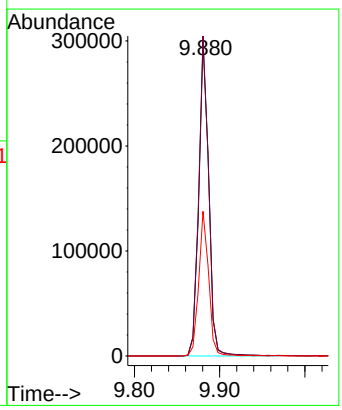


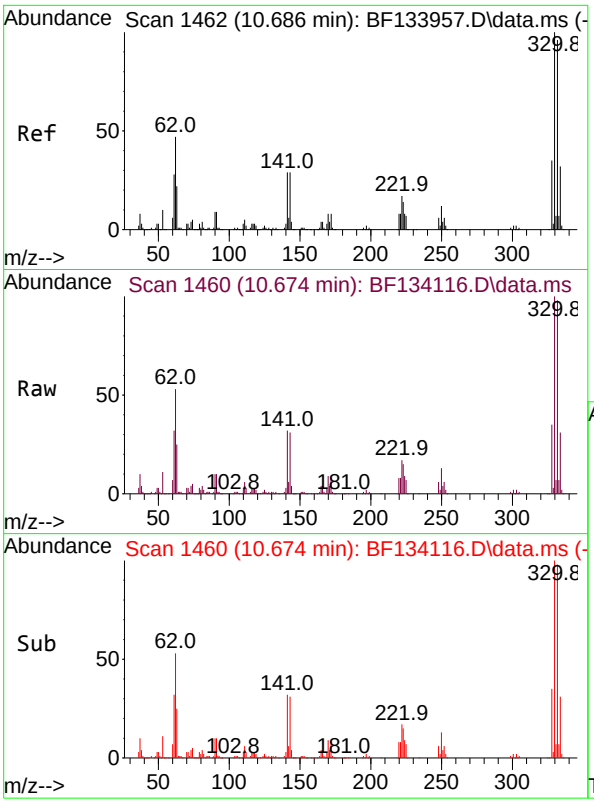


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion:164 Resp: 243680

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.0	120.0
160	46.1	35.9	53.9



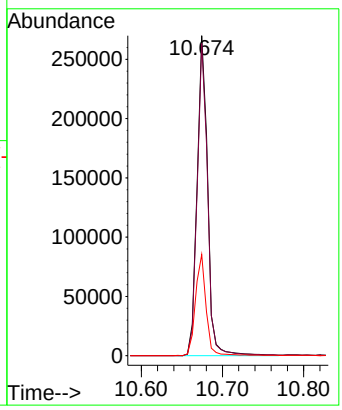


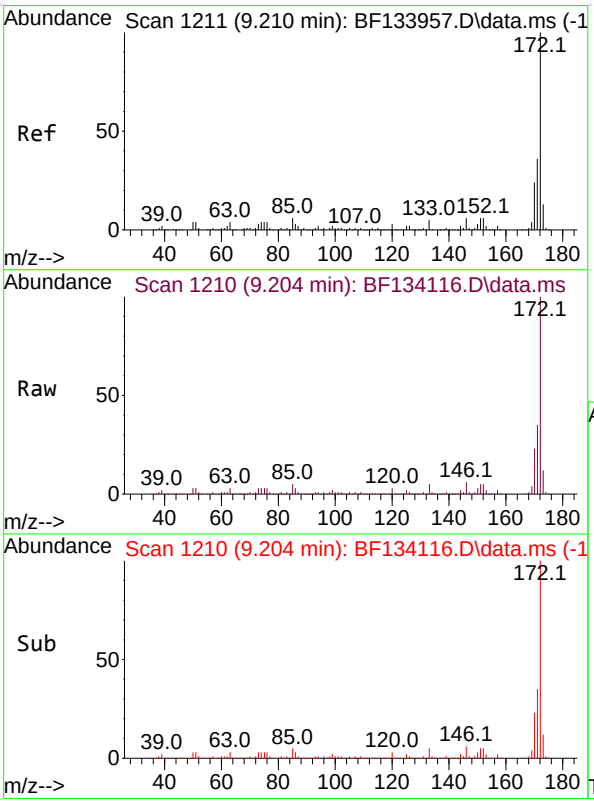
#42
2,4,6-Tribromophenol
Concen: 80.036 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :
SB-64

Tgt Ion:330 Resp: 244530

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.1	26.3	39.5

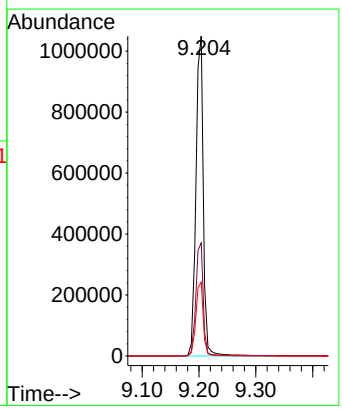


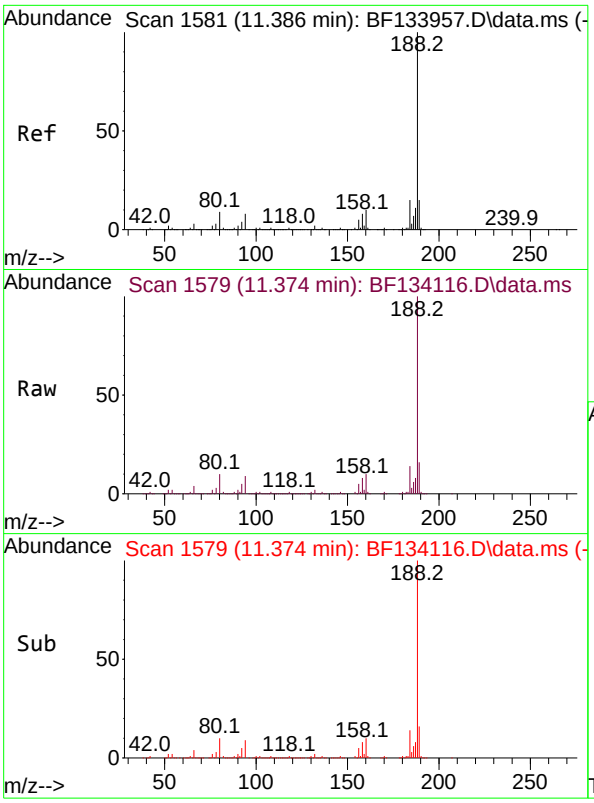


#45
2-Fluorobiphenyl
Concen: 57.029 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion:172 Resp: 955829

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.1	19.4	29.0



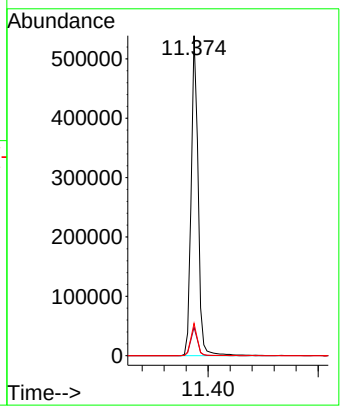


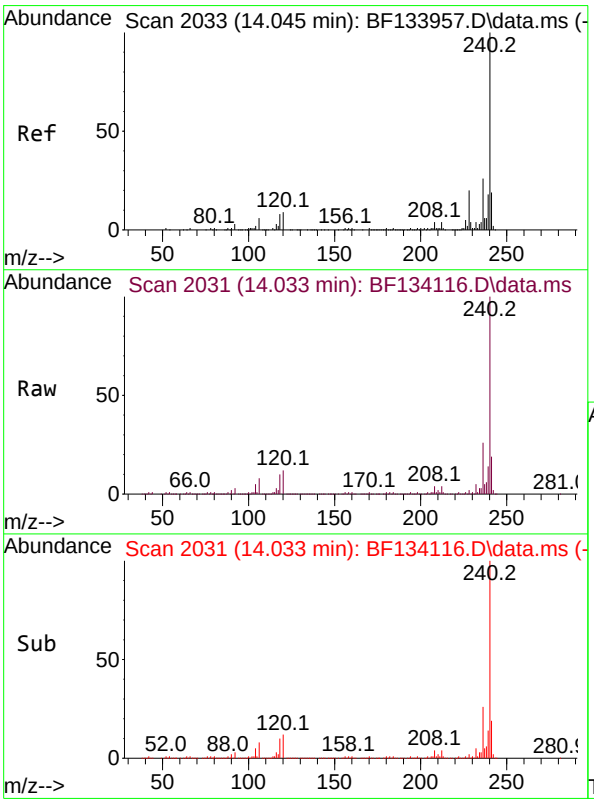
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :
SB-64

Tgt Ion:188 Resp: 470571

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.4	9.6
80	10.1	7.3	10.9

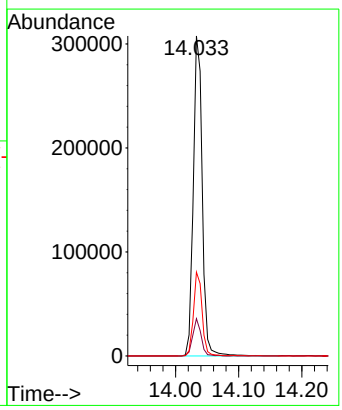


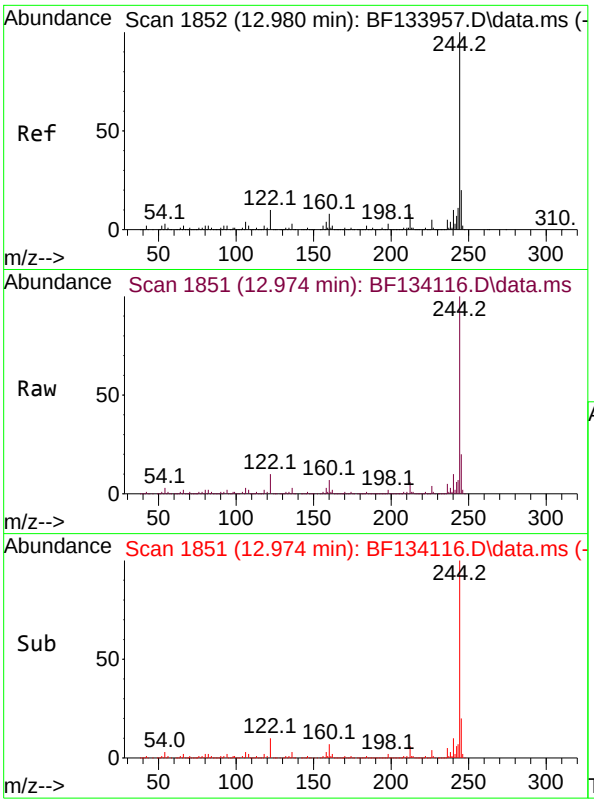


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion:240 Resp: 302532

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.4	11.0#
236	26.2	21.0	31.6



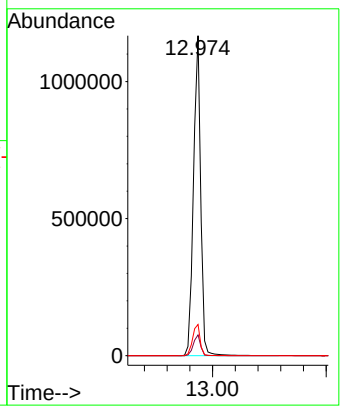


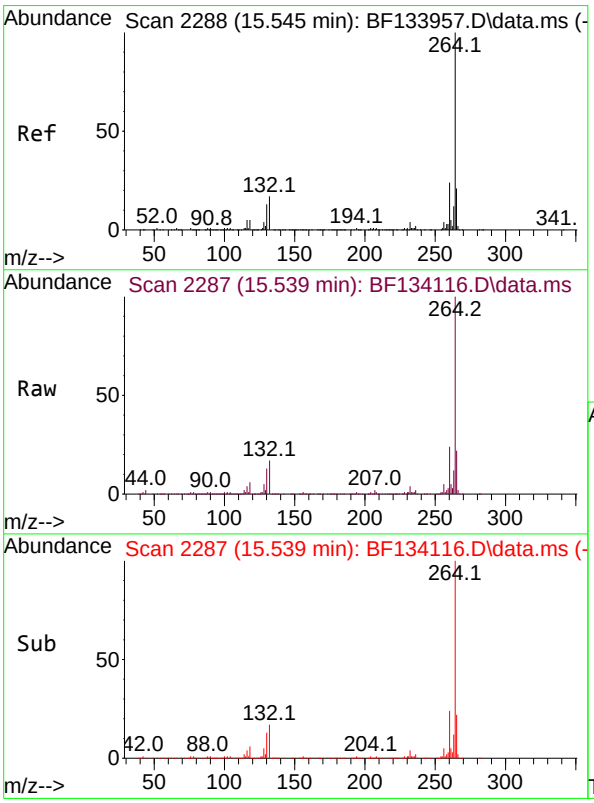
#79
Terphenyl-d14
Concen: 54.911 ng
RT: 12.974 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :
SB-64

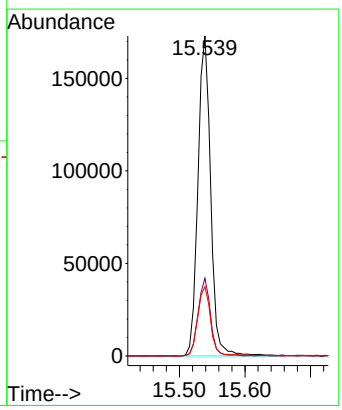
Tgt Ion:244 Resp: 1032199

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	9.8	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion:264 Resp: 233807

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	16.6	25.0