Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140879.D
Acq On : 17 Dec 2024 12:34
Operator : RC/JU
Sample : P5287-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STONES-B

Quant Time: Dec 17 13:16:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	51141	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	183256	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	94227	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	165138	20.000	ng	0.00
76) Chrysene-d12	14.027	240	123145	20.000	ng	0.00
86) Perylene-d12	15.504	264	129054	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	261636	84.218	ng	0.00
7) Phenol-d6	6.493	99	333963	81.162	ng	0.00
23) Nitrobenzene-d5	7.410	82	216623	59.141	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	89167	80.011	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	434518	63.400	ng	0.00
79) Terphenyl-d14	12.957	244	431164	55.210	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	13.980	149	36333	6.993	ng	98

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

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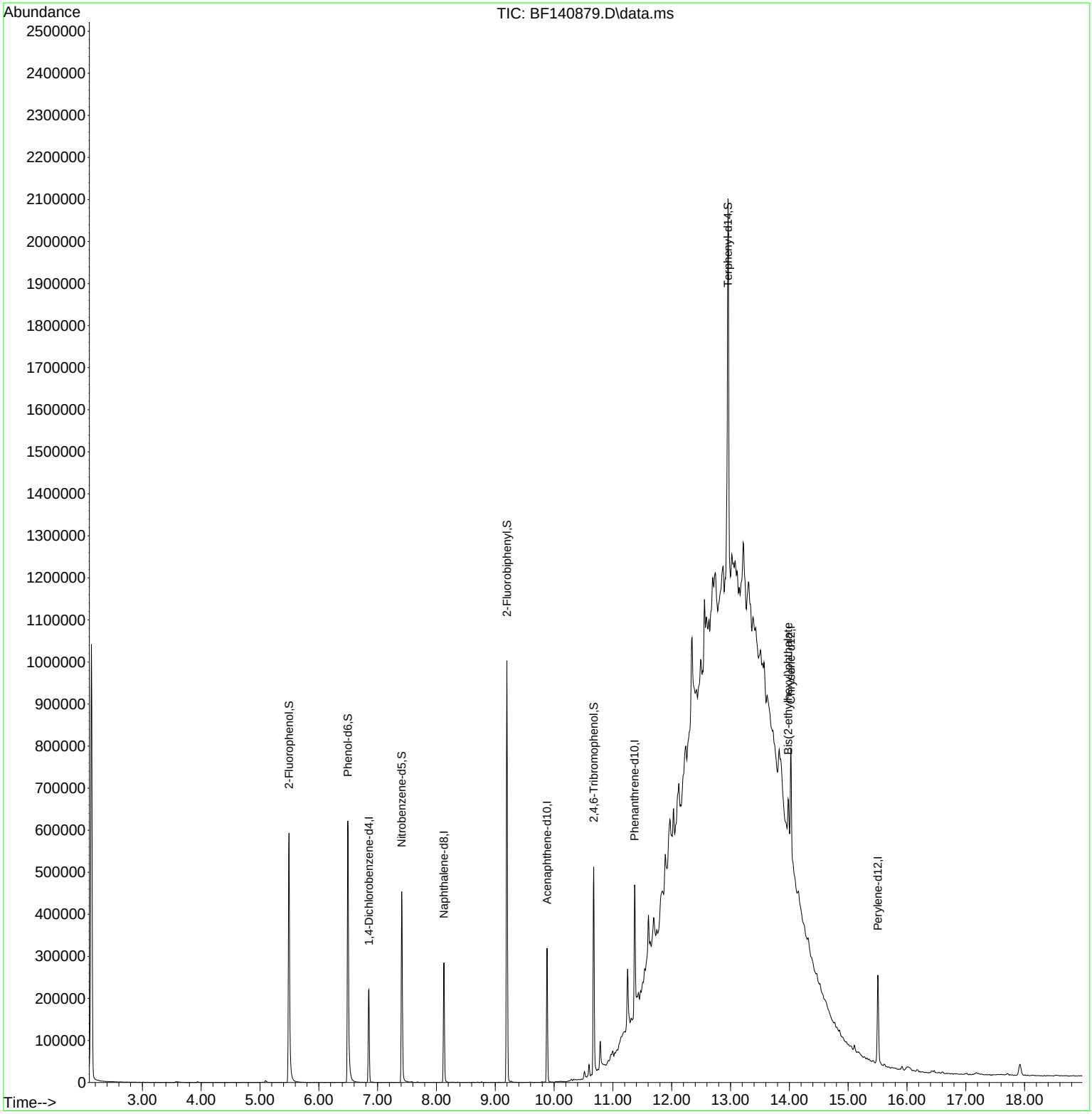
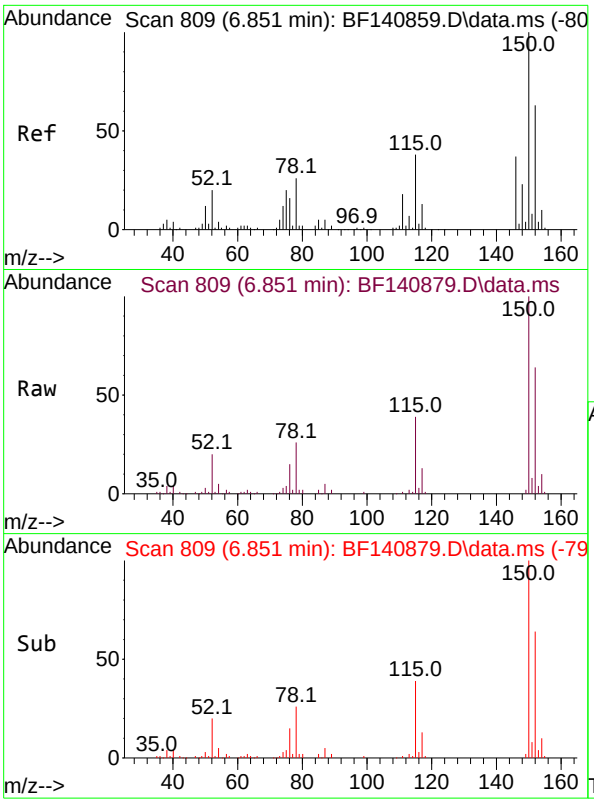


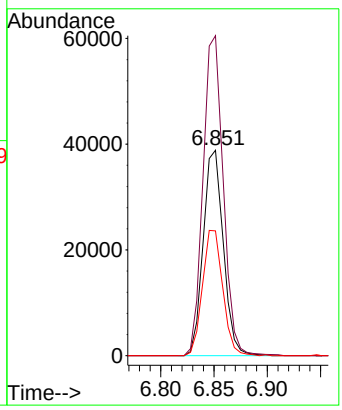


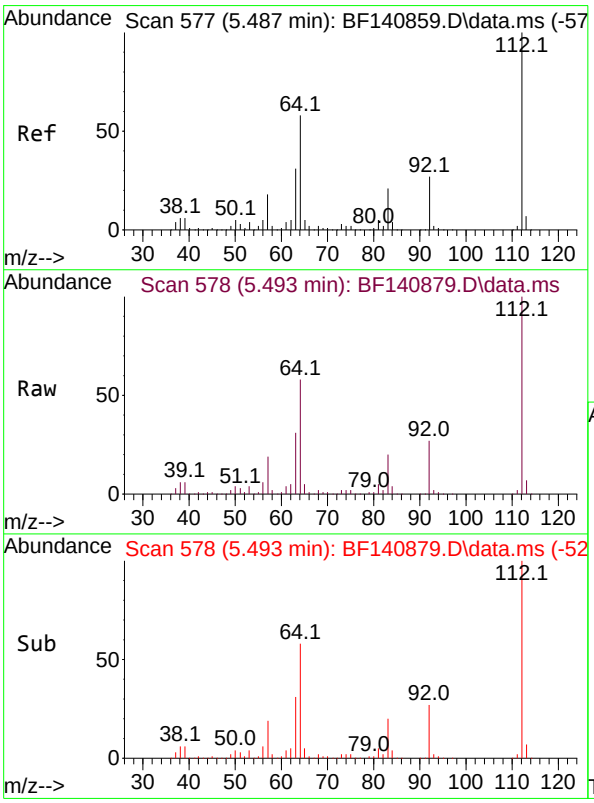
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion:152 Resp: 51141

Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.9	191.9
115	60.8	48.0	72.0

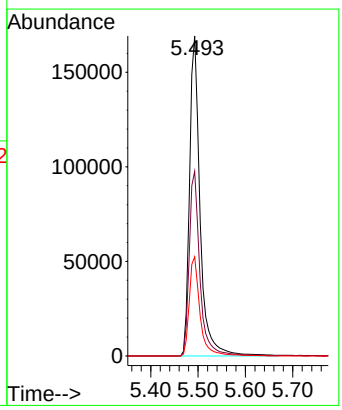


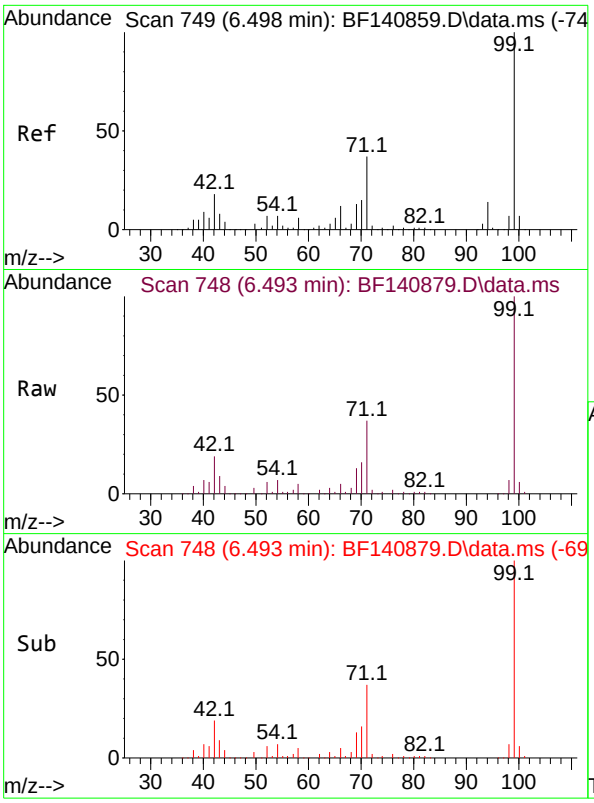


#5
2-Fluorophenol
Concen: 84.218 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:112 Resp: 261636

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.1	69.1
63	31.0	24.9	37.3



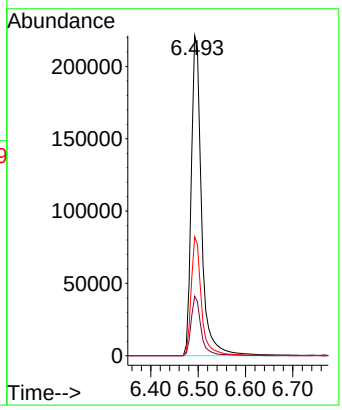


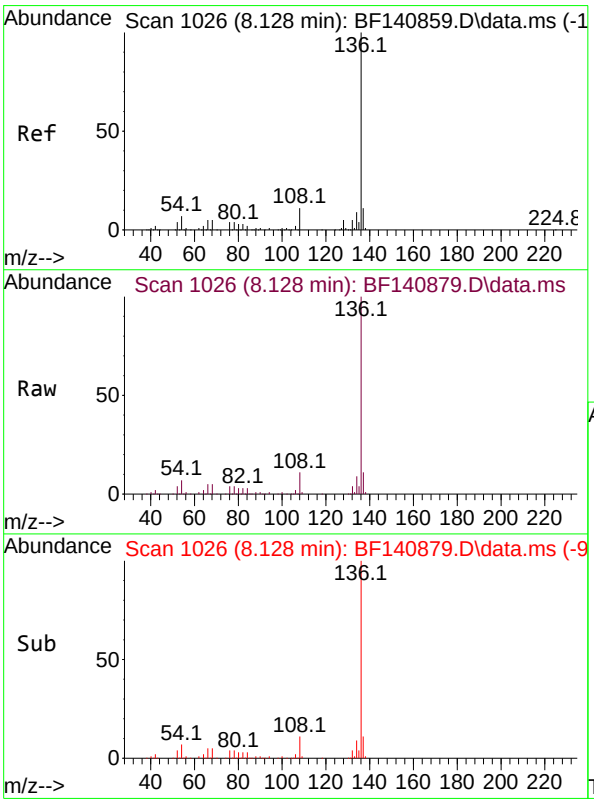
#7
Phenol-d6
Concen: 81.162 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion: 99 Resp: 333963

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.3	21.5
71	37.2	29.9	44.9

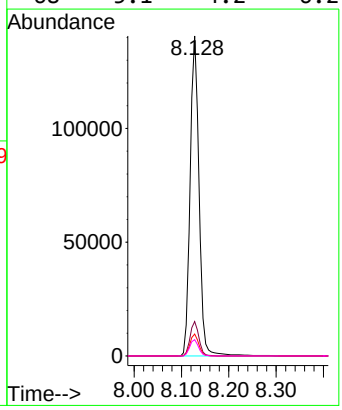


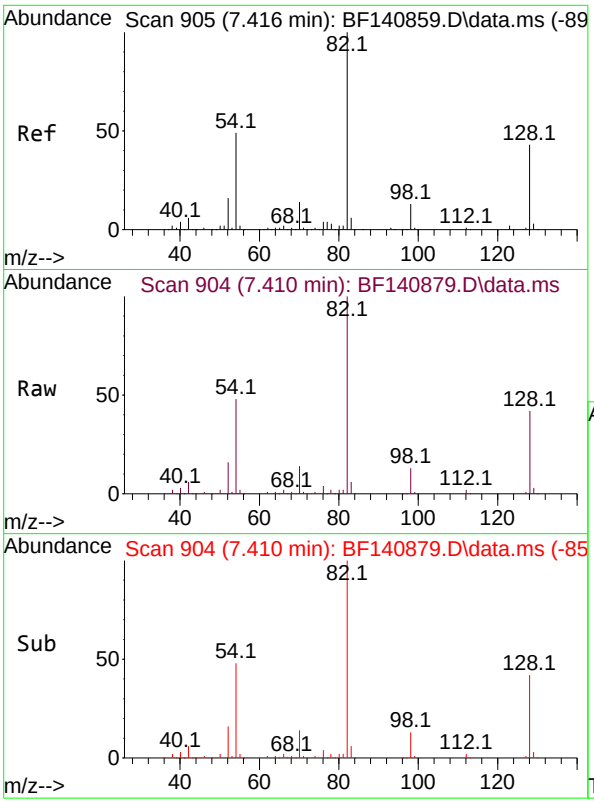


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:136 Resp: 183256

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	5.6	8.4
68	5.1	4.2	6.2



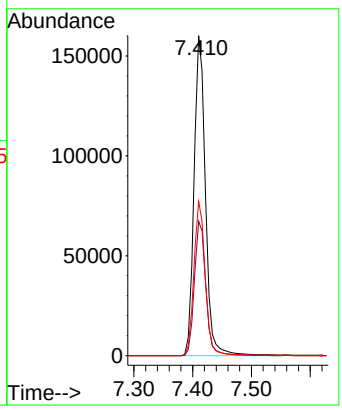


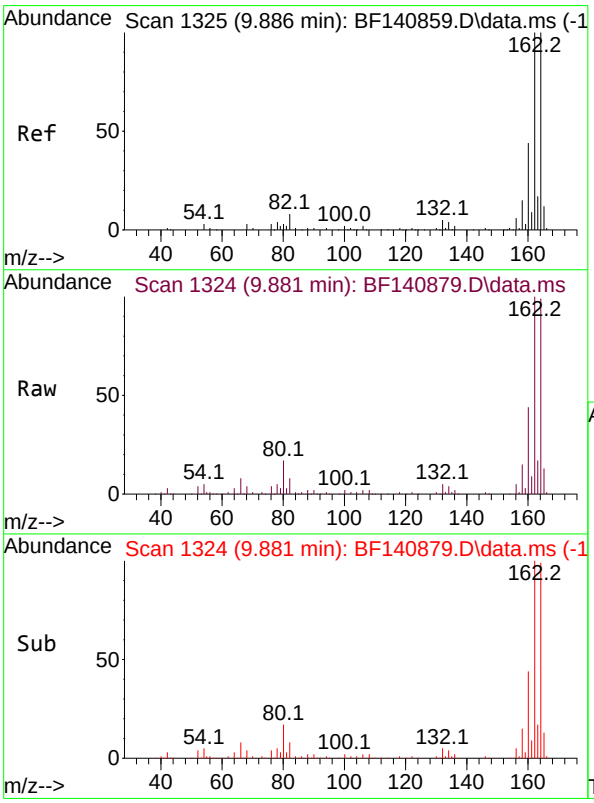
#23
Nitrobenzene-d5
Concen: 59.141 ng
RT: 7.410 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion: 82 Resp: 216623

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.4	51.6
54	48.2	38.8	58.2

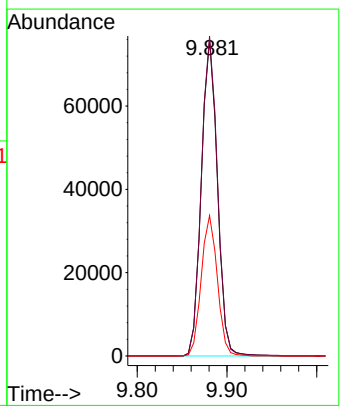


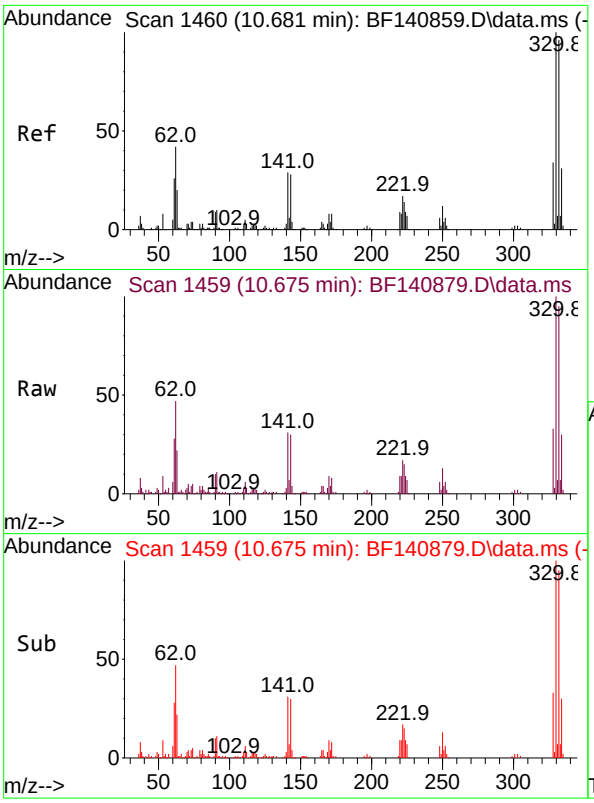


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:164 Resp: 94227

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	44.4	35.2	52.8



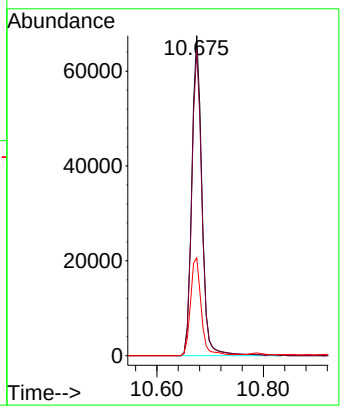


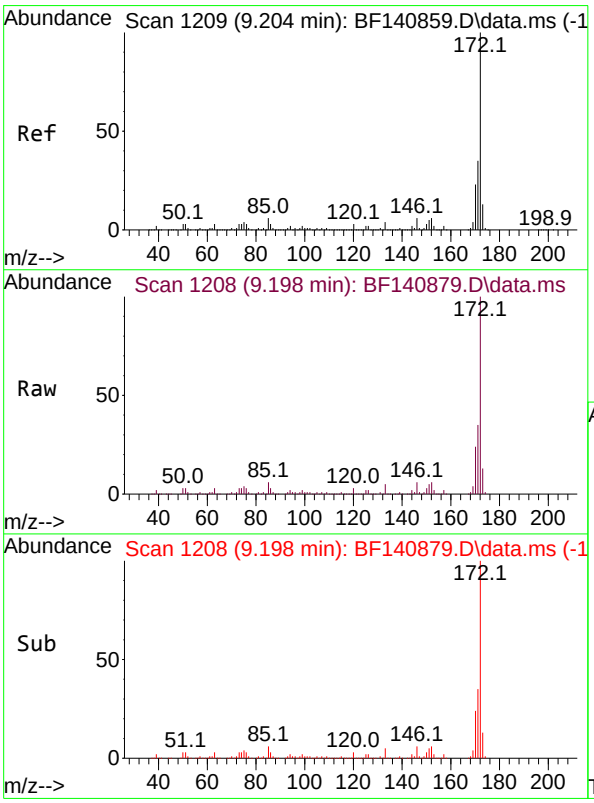
#42
2,4,6-Tribromophenol
Concen: 80.011 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion:330 Resp: 89167

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	32.4	24.9	37.3

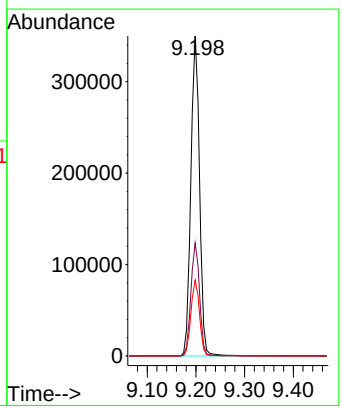


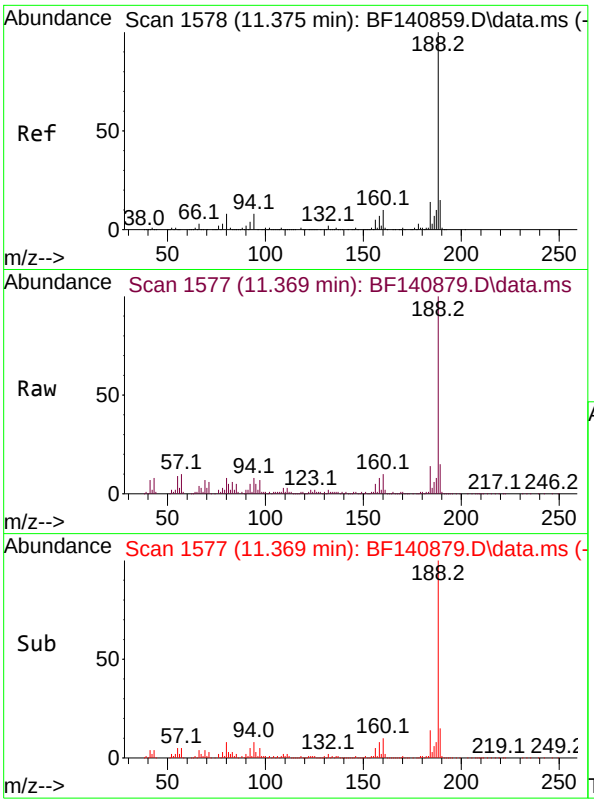


#45
2-Fluorobiphenyl
Concen: 63.400 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:172 Resp: 434518

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	23.8	18.6	28.0



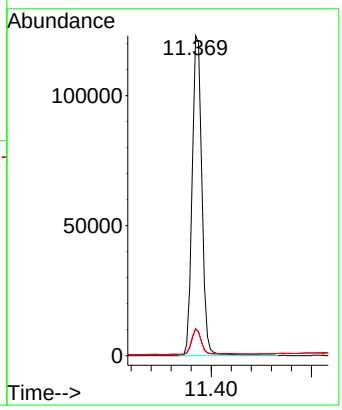


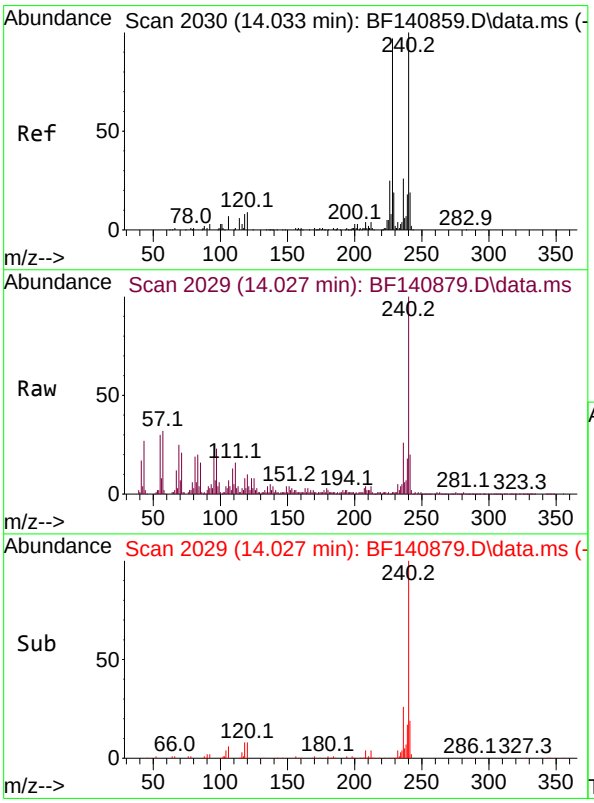
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion:188 Resp: 165138

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	8.5	6.8	10.2

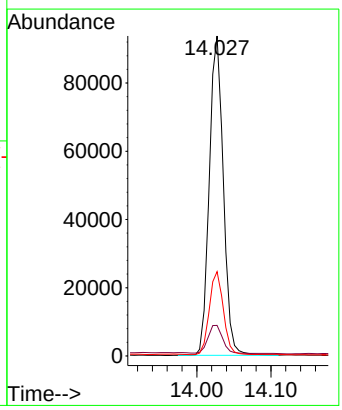


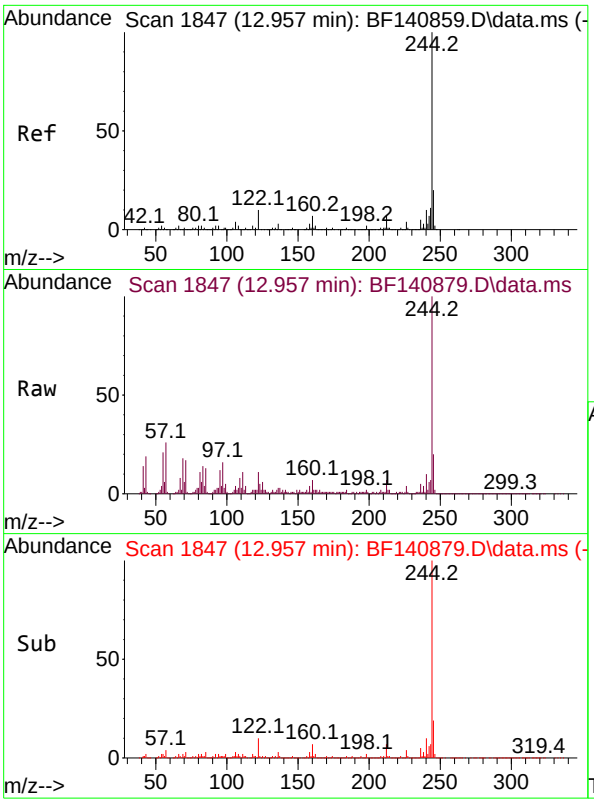


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:240 Resp: 123145

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	26.3	20.5	30.7



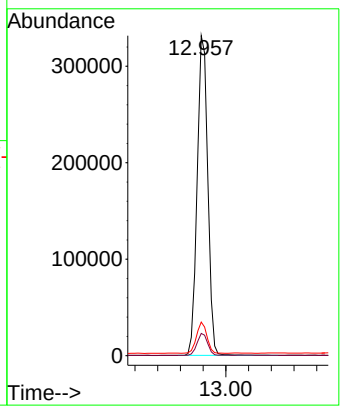


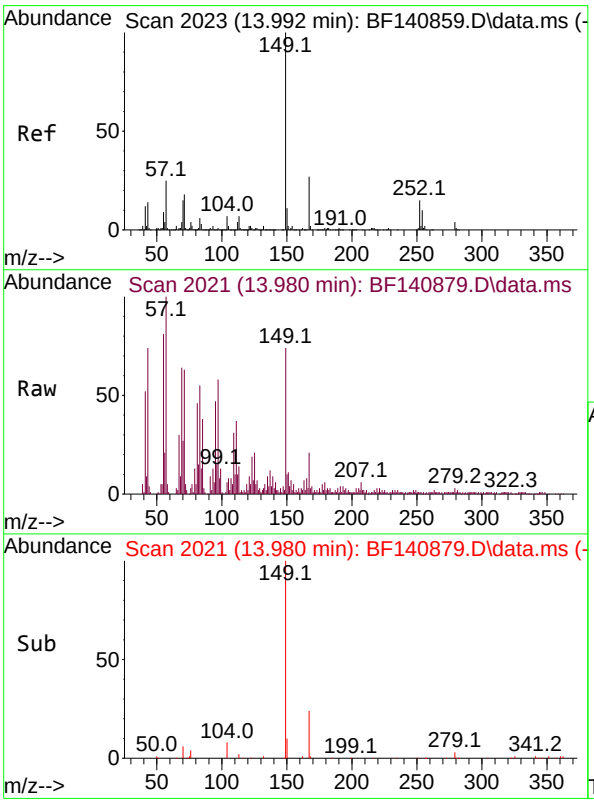
#79
Terphenyl-d14
Concen: 55.210 ng
RT: 12.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion:244 Resp: 431164

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.5	8.2	12.2

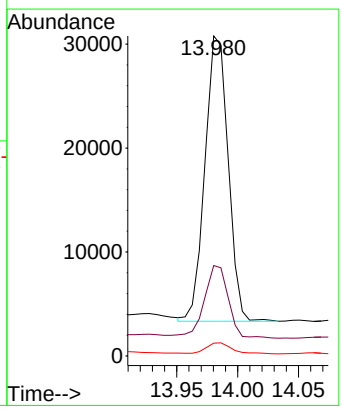


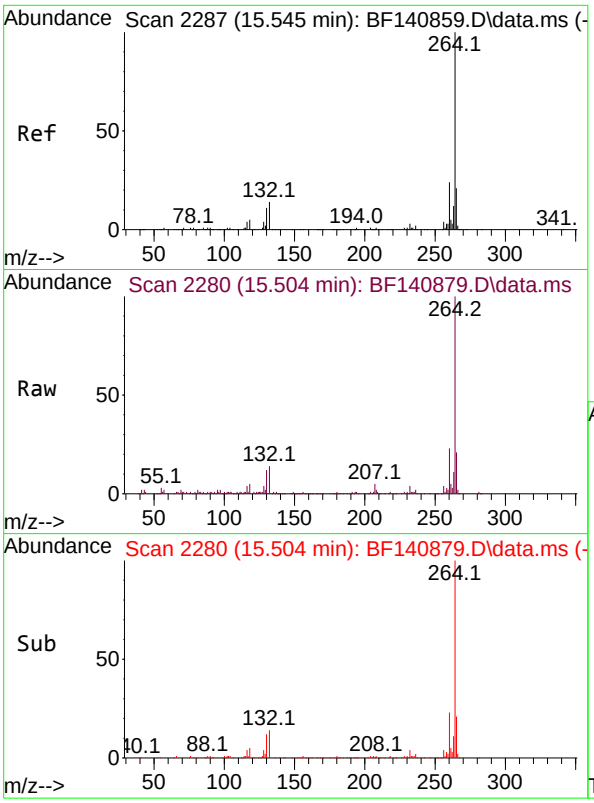


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.993 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Tgt Ion:149 Resp: 36333

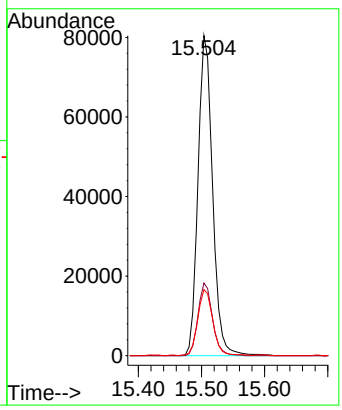
Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.0	3.5	5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2
Delta R.T. -0.041 min
Lab File: BF140879.D
Acq: 17 Dec 2024 12:34

Instrument :
BNA_F
ClientSampleId :
STONES-B

Tgt Ion:264 Resp: 129054

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.1	28.7
265	20.6	17.0	25.4