Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125925.D
Acq On : 26 Oct 2021 9:50
Operator : JU/CG
Sample : PB140208BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140208BL

Quant Time: Oct 26 12:00:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	169809	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	689896	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	378216	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	669223	20.000	ng	0.00
76) Chrysene-d12	14.027	240	443086	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	297272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1315030	115.351	ng	0.01
7) Phenol-d6	6.492	99	1650376	105.548	ng	0.00
23) Nitrobenzene-d5	7.428	82	1155986	86.550	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	385061	116.789	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1772498	82.877	ng	0.00
79) Terphenyl-d14	12.980	244	1910485	70.529	ng	0.00

Target Compounds Qvalue

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

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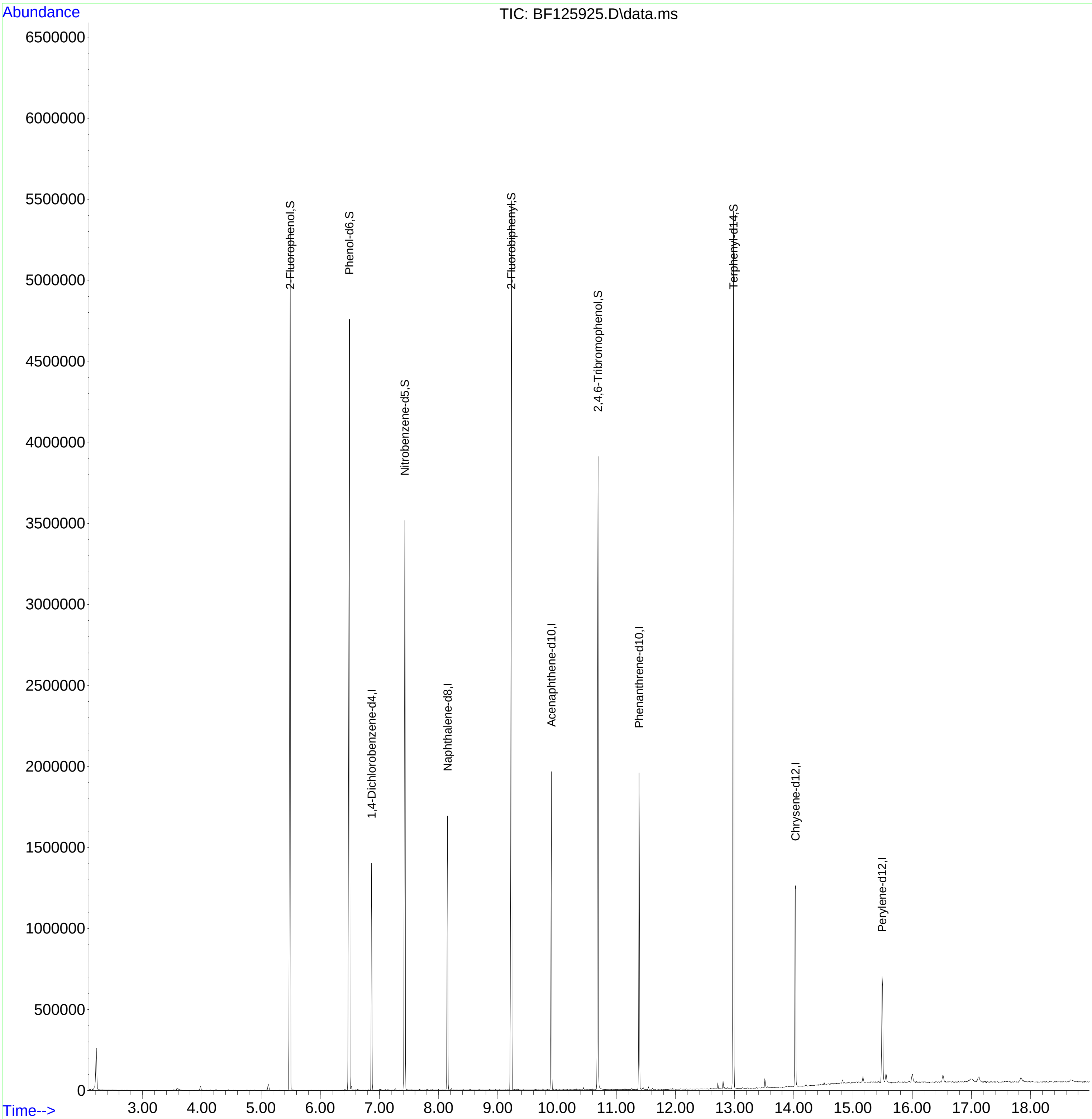
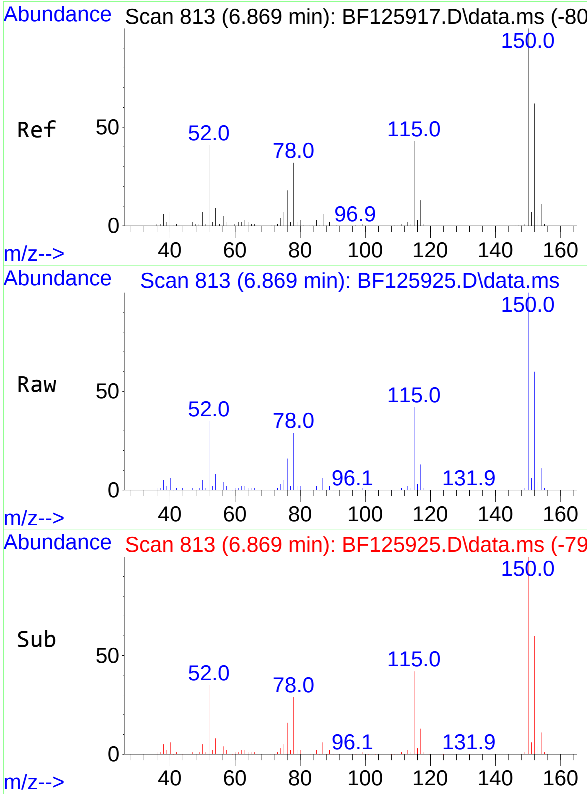
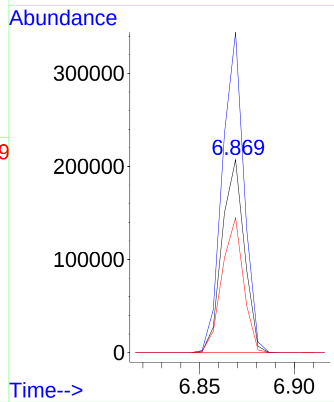




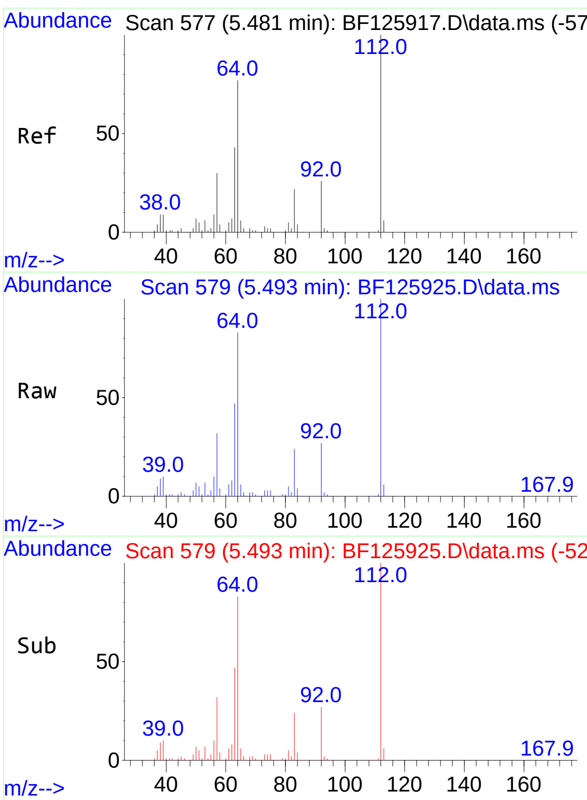
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:152 Resp: 169809

Ion	Ratio	Lower	Upper
152	100		
150	166.1	117.6	176.4
115	70.0	47.1	70.7



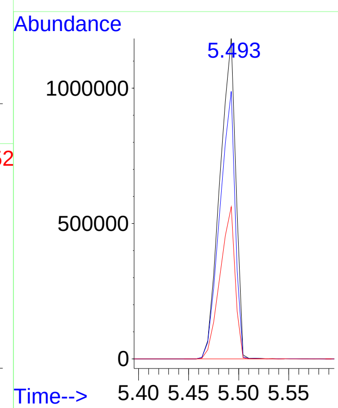
Instrument :
BNA_F
ClientSampleId :
PB140208BL



#5
2-Fluorophenol
Concen: 115.351 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:112 Resp: 1315030

Ion	Ratio	Lower	Upper
112	100		
64	83.5	44.2	66.2#
63	47.5	26.2	39.2#

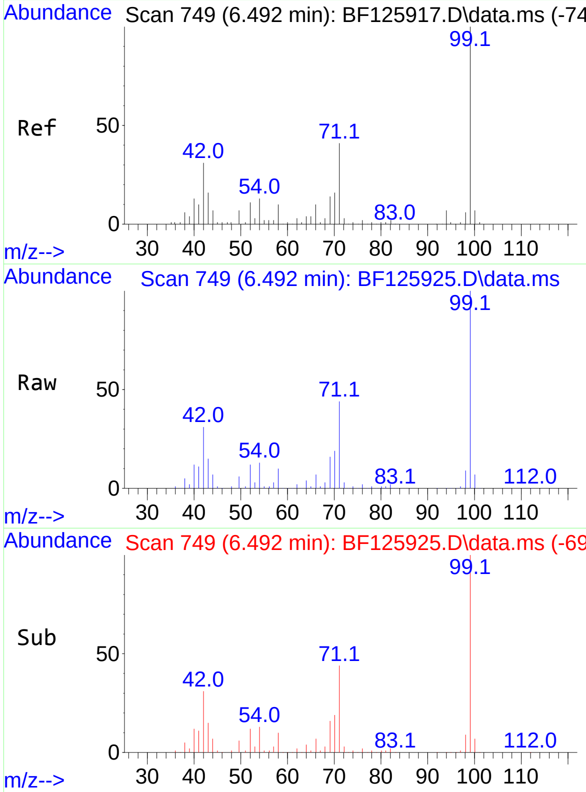


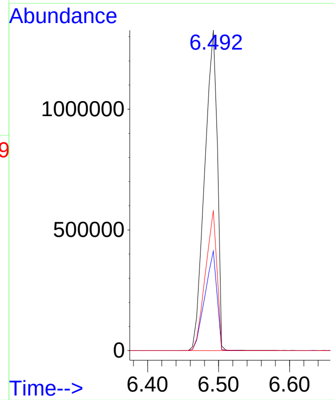
#7
Phenol-d6
Concen: 105.548 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion: 99 Resp: 1650376

Ion	Ratio	Lower	Upper
99	100		
42	31.1	23.5	35.3
71	43.8	25.6	38.4#

Instrument :
BNA_F
ClientSampleId :
PB140208BL

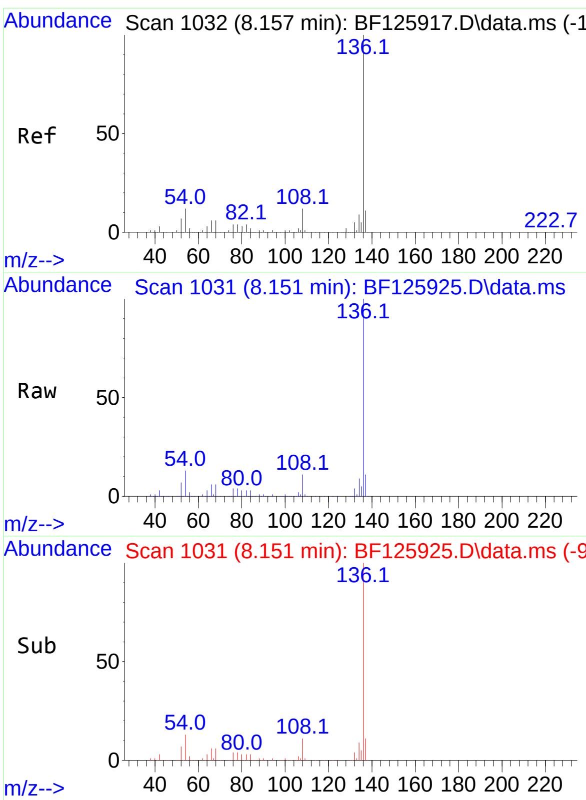


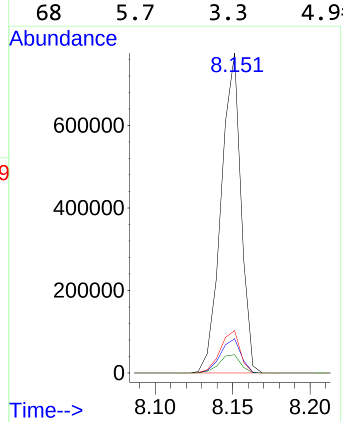


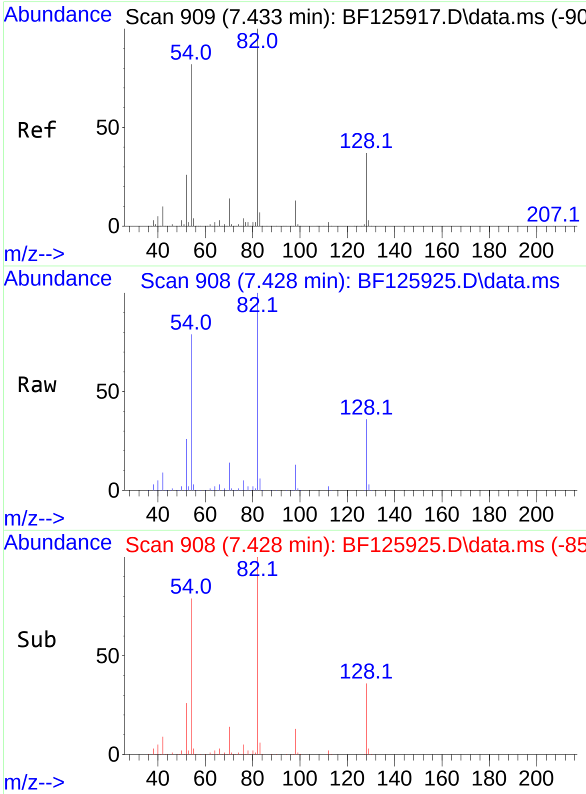
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:136 Resp: 689896

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	13.2	6.4	9.6#
68	5.7	3.3	4.9#



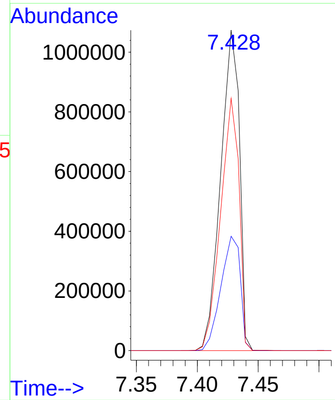




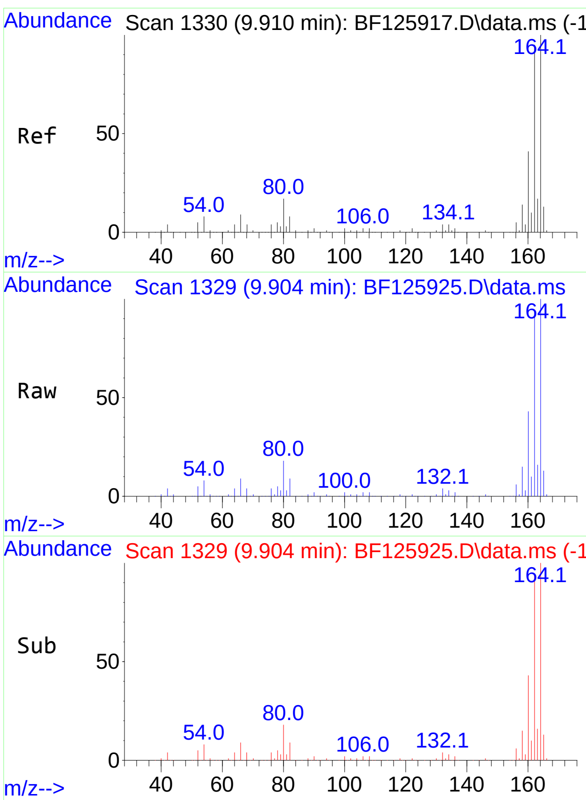
#23
Nitrobenzene-d5
Concen: 86.550 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion: 82 Resp: 1155986

Ion	Ratio	Lower	Upper
82	100		
128	35.7	40.6	60.8#
54	78.7	49.6	74.4#



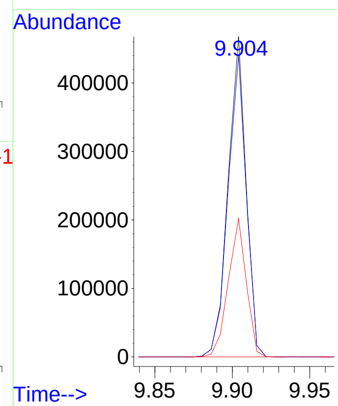
Instrument :
BNA_F
ClientSampleId :
PB140208BL

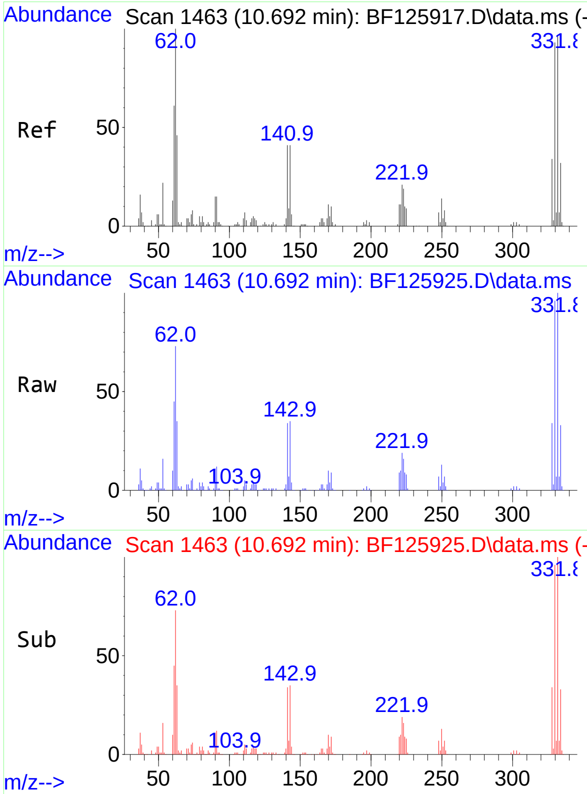


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:164 Resp: 378216

Ion	Ratio	Lower	Upper
164	100		
162	94.0	81.3	121.9
160	43.1	38.0	57.0

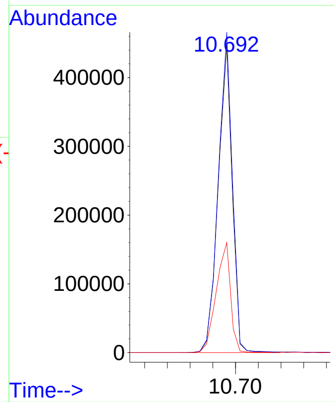




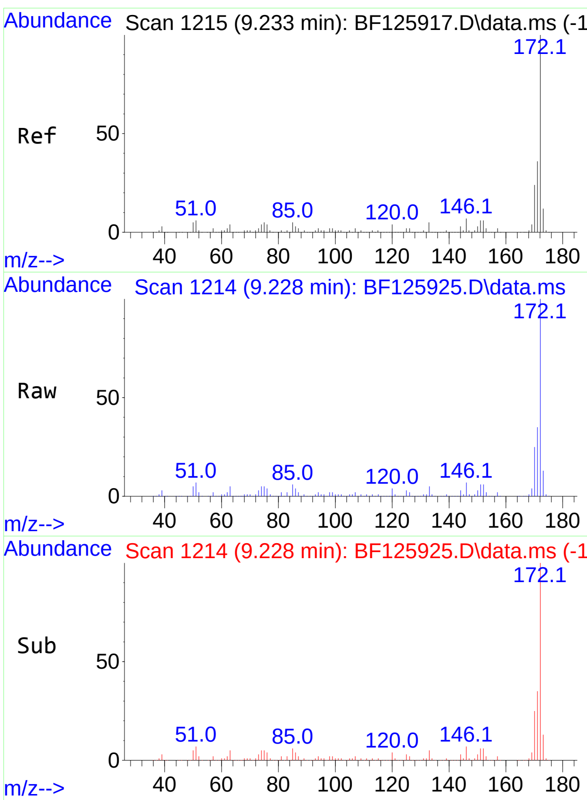
#42
2,4,6-Tribromophenol
Concen: 116.789 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:330 Resp: 385061

Ion	Ratio	Lower	Upper
330	100		
332	105.0	76.2	114.4
141	36.7	44.6	66.8#



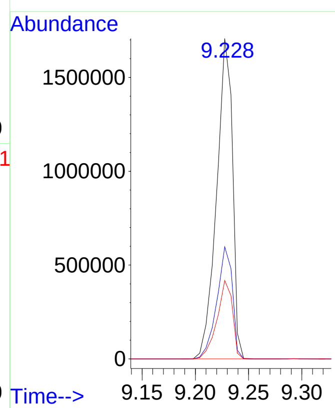
Instrument :
BNA_F
ClientSampleId :
PB140208BL

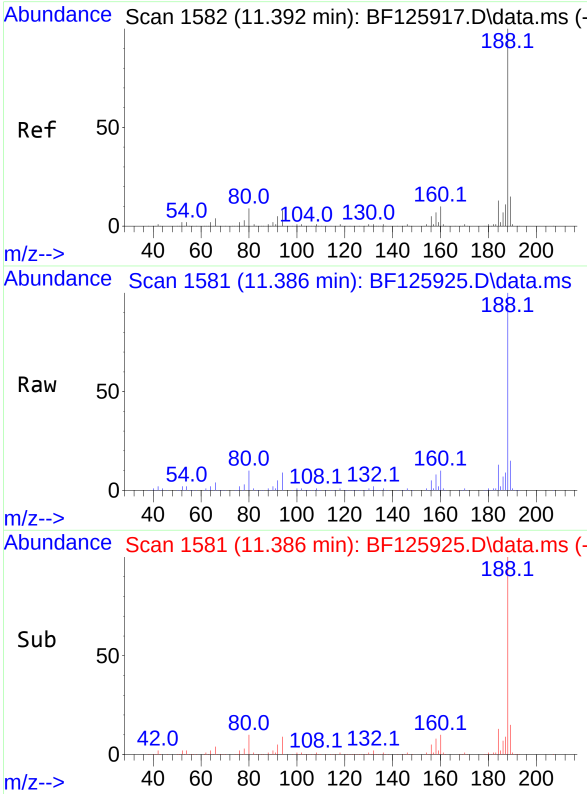


#45
2-Fluorobiphenyl
Concen: 82.877 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021 9:50

Tgt Ion:172 Resp: 1772498

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.5	39.7
170	24.5	18.8	28.2

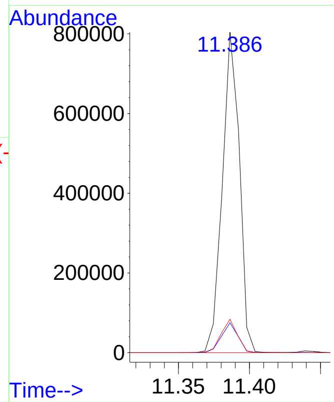




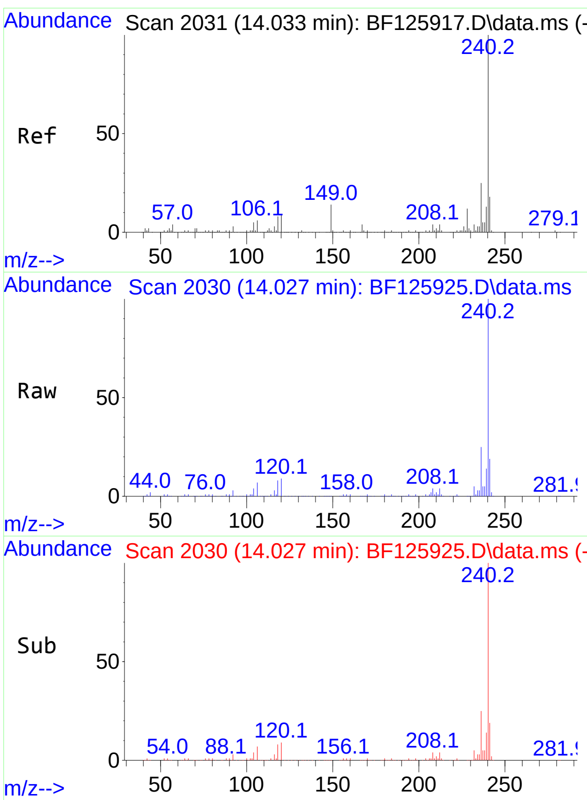
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021   9:50

Tgt Ion:188 Resp: 669223

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.7	10.1
80	10.4	7.5	11.3



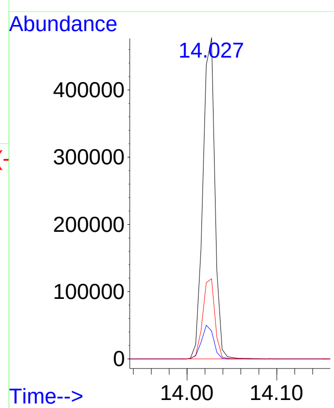
Instrument :
BNA_F
ClientSampleId :
PB140208BL

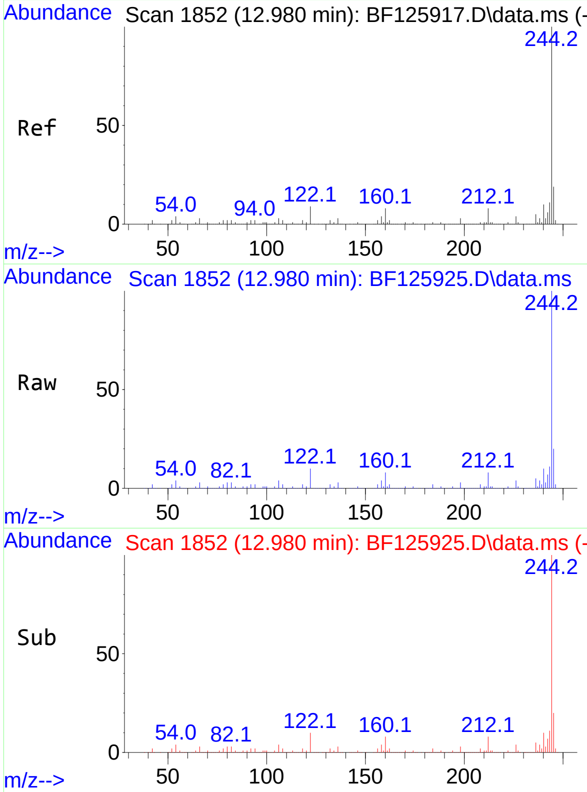


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021   9:50

Tgt Ion:240 Resp: 443086

Ion	Ratio	Lower	Upper
240	100		
120	8.8	10.8	16.2#
236	25.0	21.6	32.4



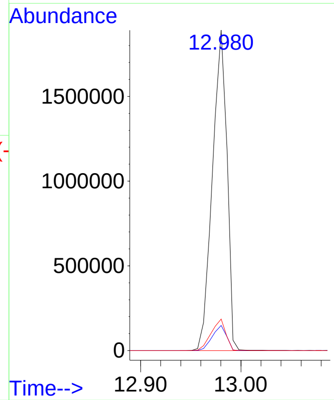


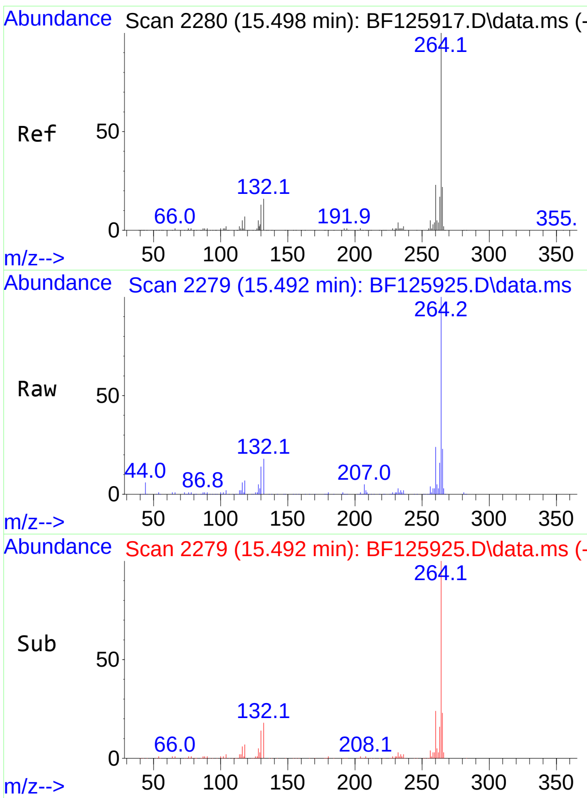
#79
Terphenyl-d14
Concen: 70.529 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF125925.D
Acq: 26 Oct 2021   9:50

Instrument :
BNA_F
ClientSampleId :
PB140208BL

Tgt Ion:244 Resp: 1910485

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.9	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125925.D
Acq: 26 Oct 2021   9:50

Tgt Ion:264 Resp: 297272

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.6	17.2	25.8