Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123631.D
Acq On : 19 Apr 2021 19:54
Operator : JU/CG
Sample : M2063-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-2-4

Quant Time: Apr 20 03:04:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	218932	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	810680	20.00	ng	#-0.01
39) Acenaphthene-d10	9.904	164	373417	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	607654	20.00	ng	#-0.01
76) Chrysene-d12	14.039	240	466661	20.00	ng	-0.02
86) Perylene-d12	15.521	264	482097	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1519053	112.14	ng	0.00
7) Phenol-d6	6.498	99	1971538	105.03	ng	0.00
23) Nitrobenzene-d5	7.422	82	1409310	79.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	475276	112.40	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	2016222	80.49	ng	-0.01
79) Terphenyl-d14	12.986	244	1526082	63.56	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.616	163	92411	3.58	ng	# 97

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

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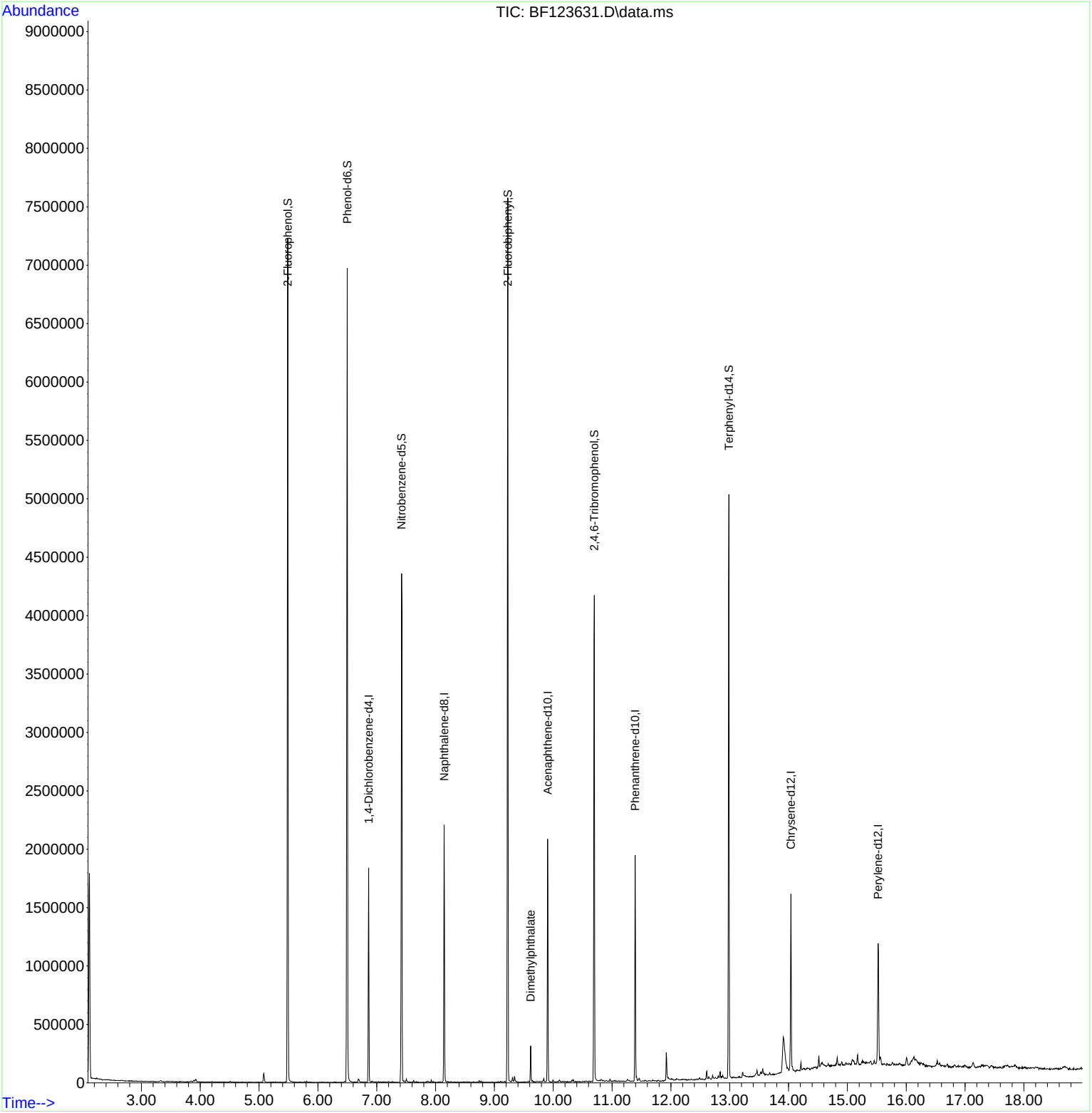
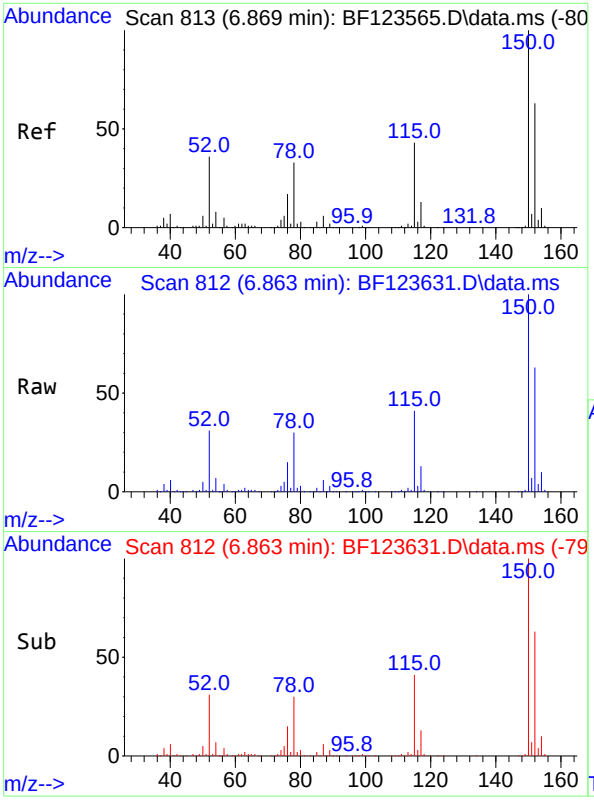


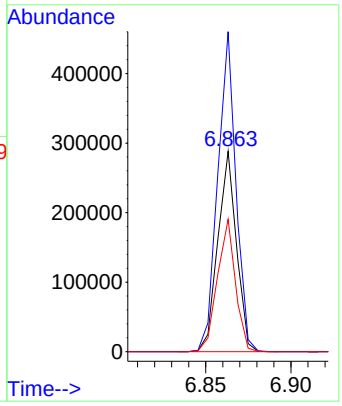
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

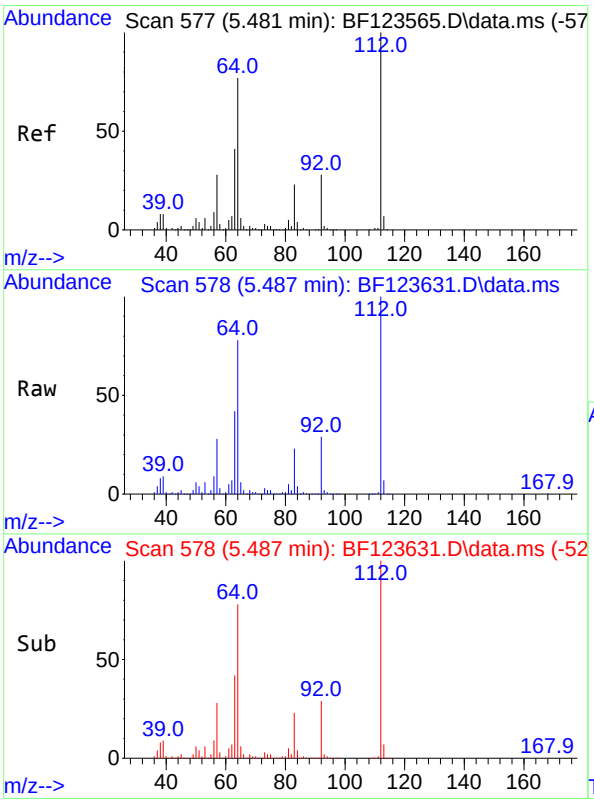


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:152 Resp: 218932

Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.0	190.6
115	66.0	54.3	81.5

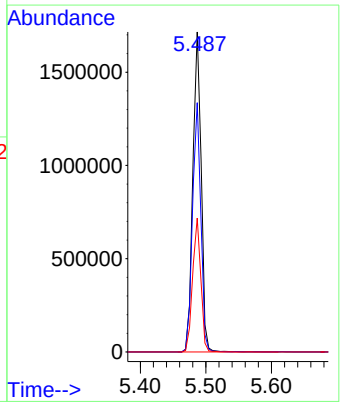




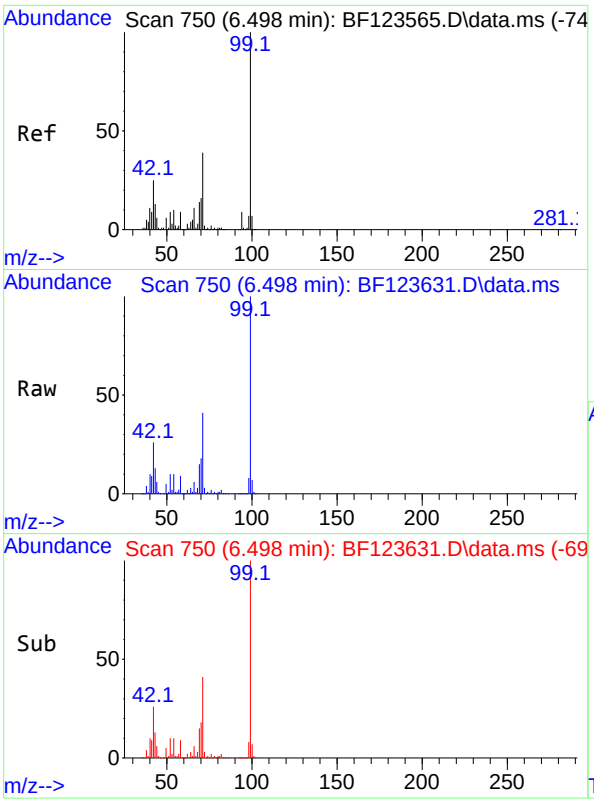
#5
2-Fluorophenol
Concen: 112.14 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:112 Resp: 1519053

Ion	Ratio	Lower	Upper
112	100		
64	77.9	61.4	92.0
63	41.8	33.0	49.4



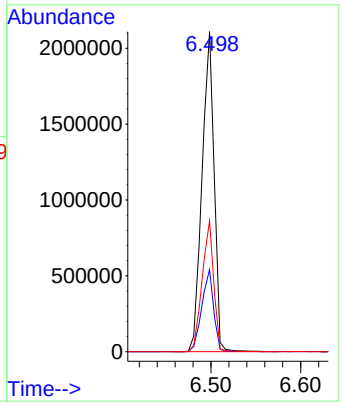
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

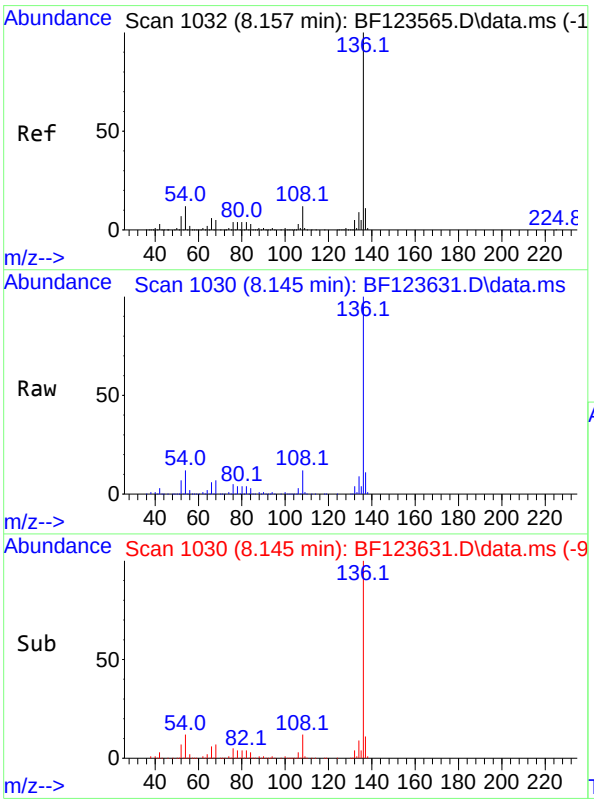


#7
Phenol-d6
Concen: 105.03 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 99 Resp: 1971538

Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.8	29.8
71	40.9	31.1	46.7

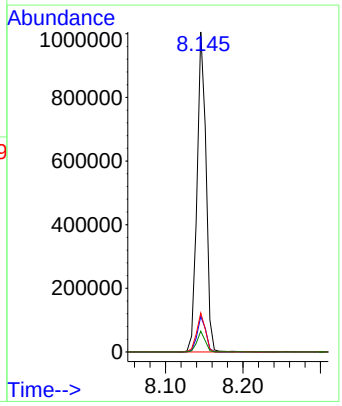




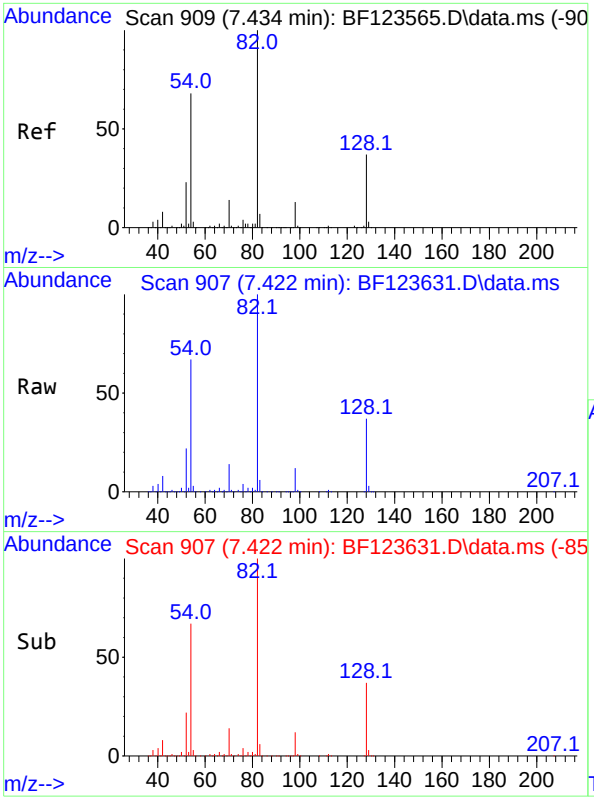
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:136 Resp: 810680

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.2	9.8	14.6
68	6.5	4.1	6.1#



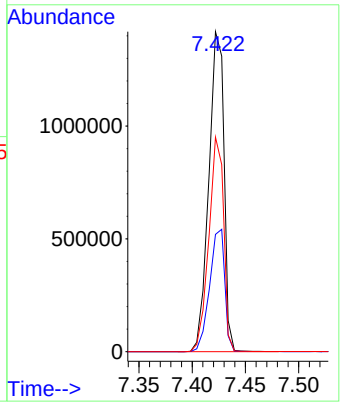
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

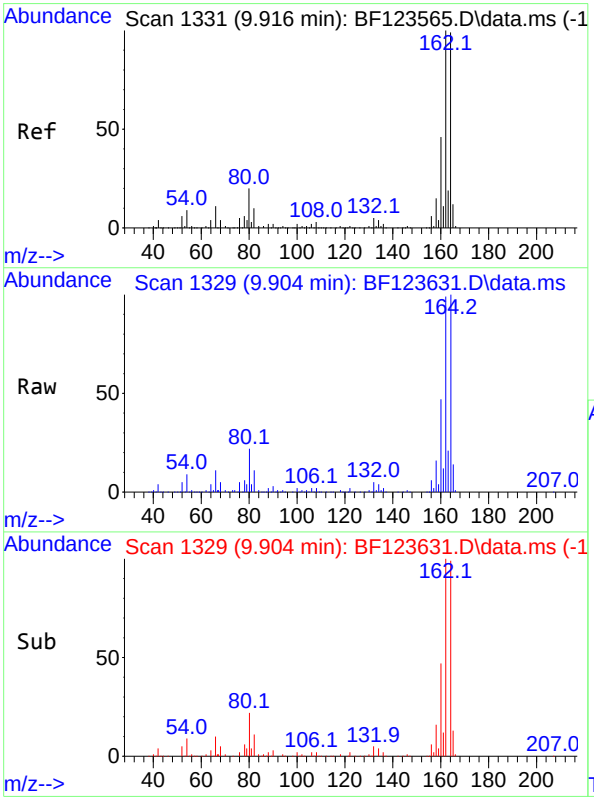


#23
Nitrobenzene-d5
Concen: 79.92 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 82 Resp: 1409310

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.4	44.2
54	67.0	54.1	81.1

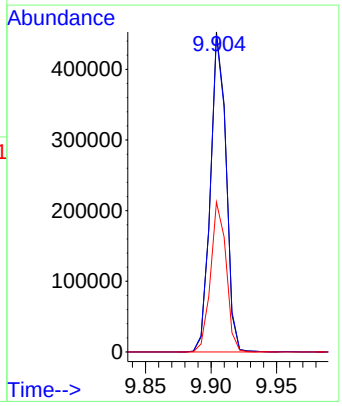




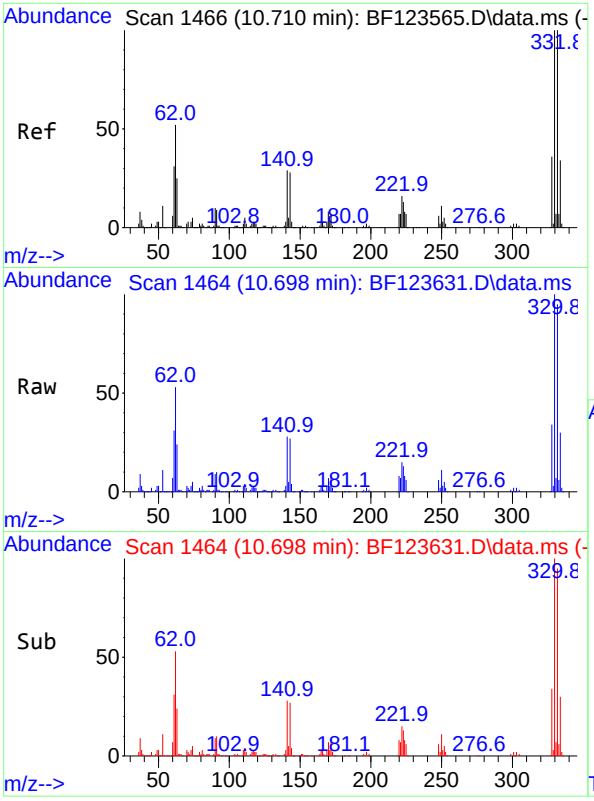
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:164 Resp: 373417

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.7	121.1
160	46.8	37.3	55.9



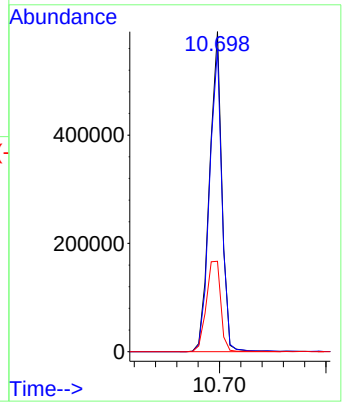
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

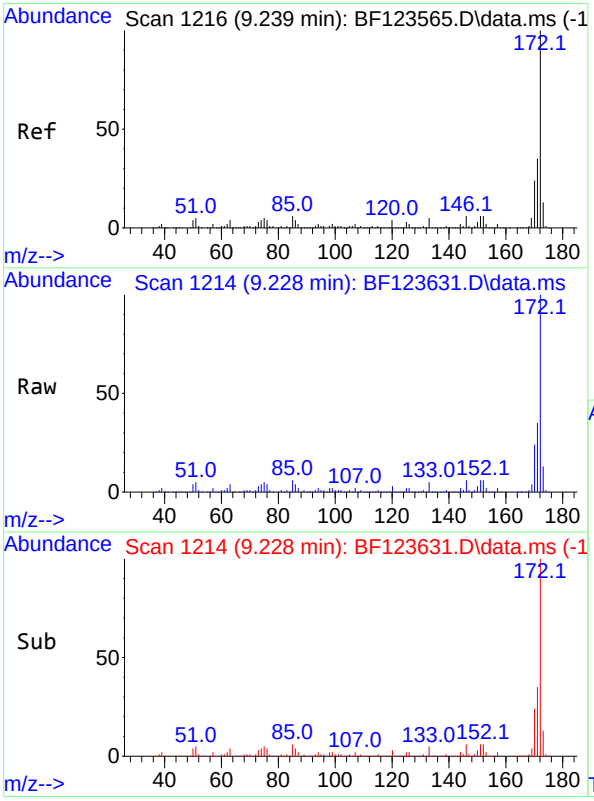


#42
2,4,6-Tribromophenol
Concen: 112.40 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:330 Resp: 475276

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	33.3	27.9	41.9

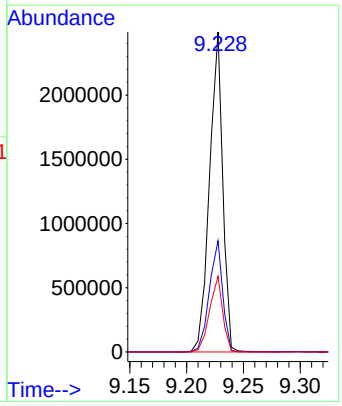




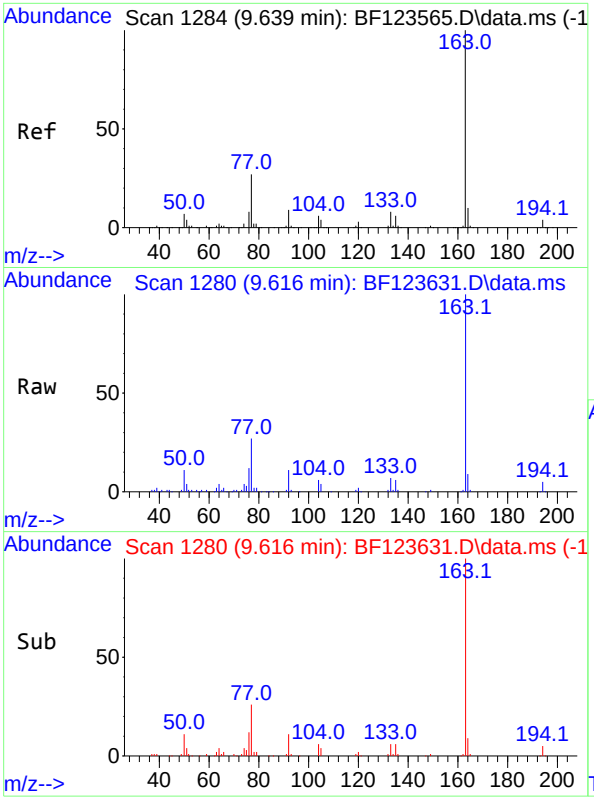
#45
2-Fluorobiphenyl
Concen: 80.49 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:172 Resp: 2016222

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.7	19.2	28.8



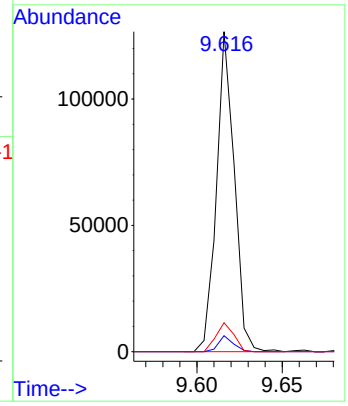
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

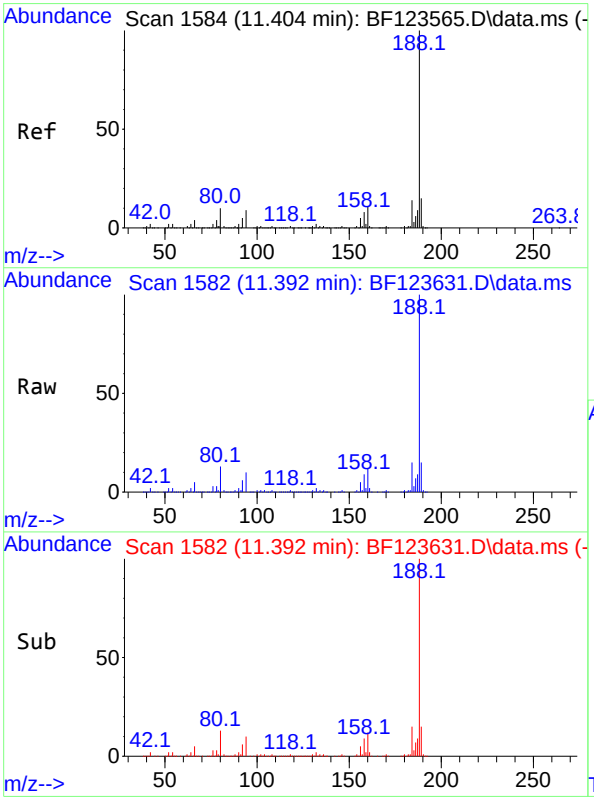


#50
Dimethylphthalate
Concen: 3.58 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:163 Resp: 92411

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.1	4.7#
164	9.0	8.2	12.2

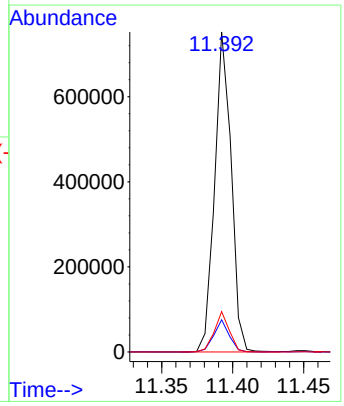




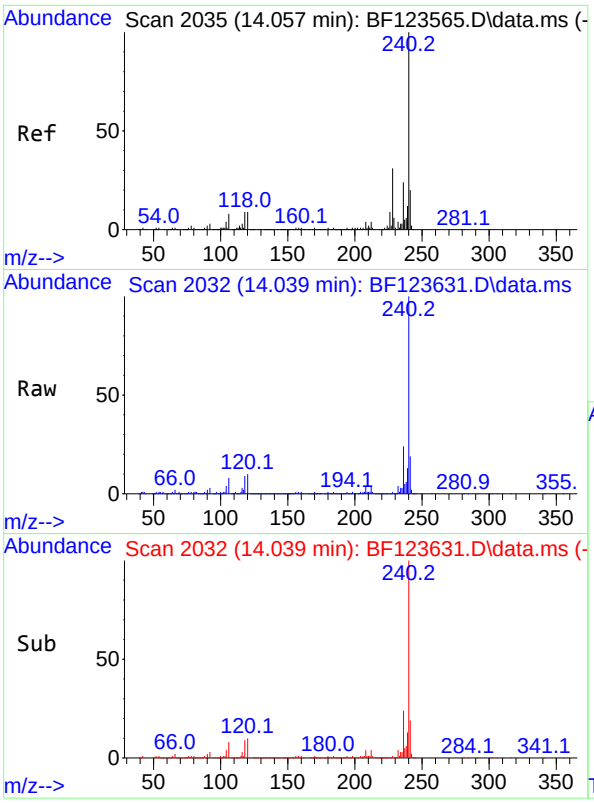
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:188 Resp: 607654

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.9	10.3
80	12.6	8.2	12.2#



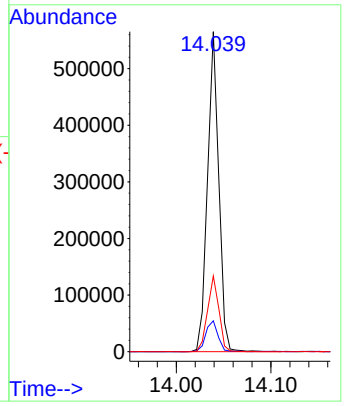
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

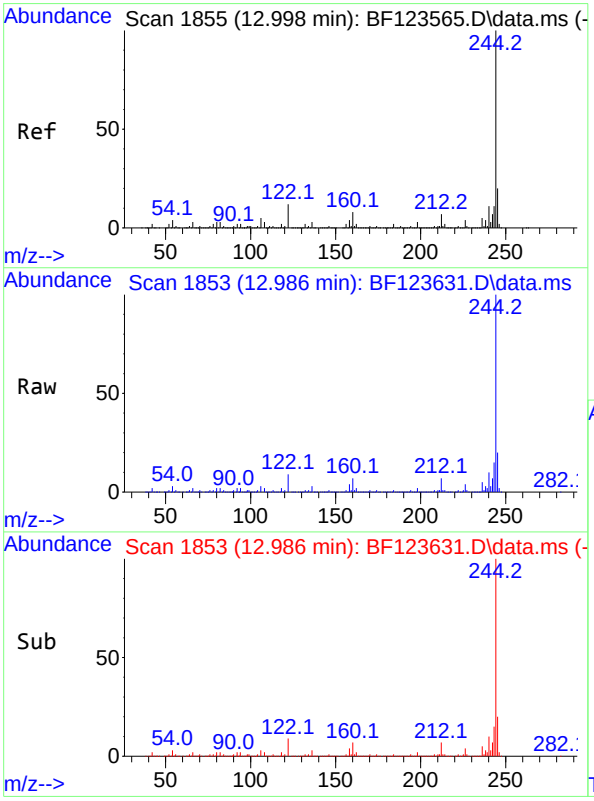


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:240 Resp: 466661

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.2	10.8
236	23.6	19.0	28.4

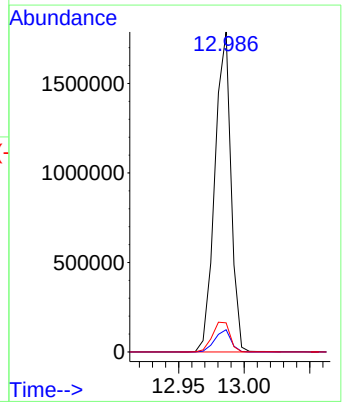


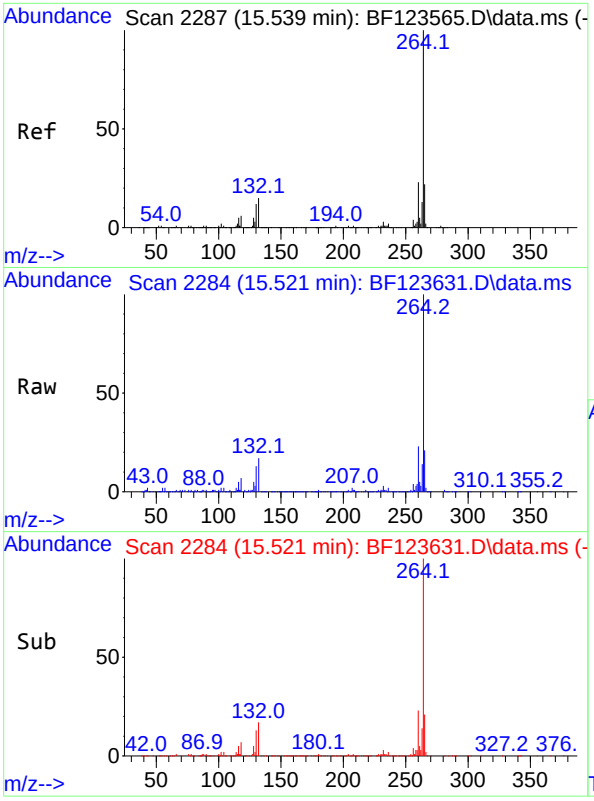


#79
Terphenyl-d14
Concen: 63.56 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:244 Resp: 1526082

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.1	9.7	14.5#

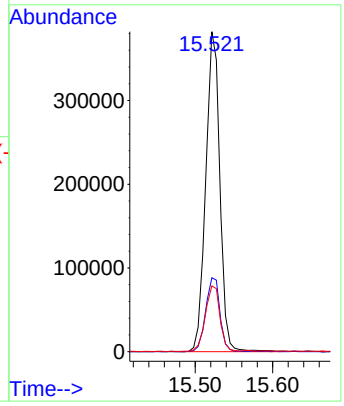




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:264 Resp: 482097

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.5	17.8	26.8



Instrument :
BNA_F
ClientSampleId :
TP1-2-4