

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123113.D
 Acq On : 4 Feb 2021 14:04
 Operator : JU/CG
 Sample : M1291-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-005-0205

Quant Time: Feb 04 14:31:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

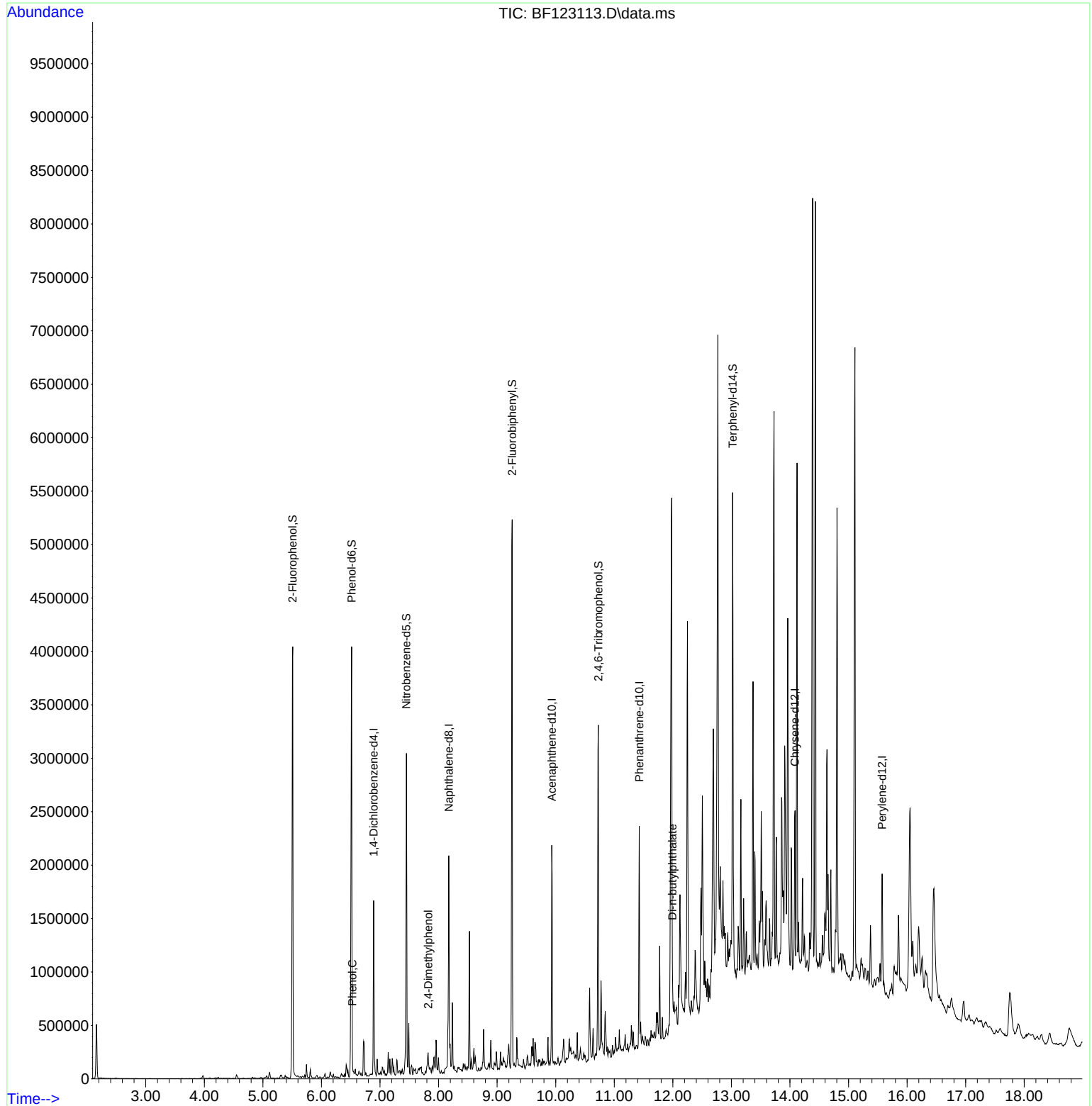
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	214879	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	812797	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	416333	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	679058	20.00	ng	0.00
76) Chrysene-d12	14.086	240	485357	20.00	ng	0.00
86) Perylene-d12	15.574	264	510277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1192295	85.59	ng	0.00
7) Phenol-d6	6.516	99	1525699	80.80	ng	0.00
23) Nitrobenzene-d5	7.451	82	961420	59.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	406008	89.83	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1703347	60.82	ng	0.00
79) Terphenyl-d14	13.021	244	1441267	58.34	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	59000	3.15	ng	85
27) 2,4-Dimethylphenol	7.822	122	29576	2.38	ng	98
74) Di-n-butylphthalate	11.992	149	106973	2.40	ng	99

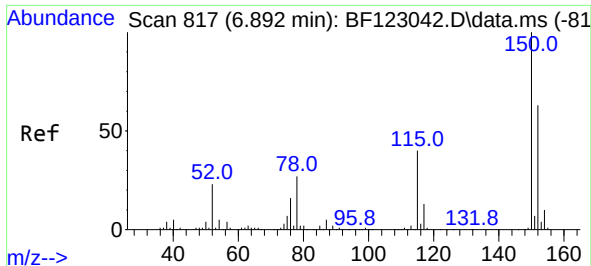
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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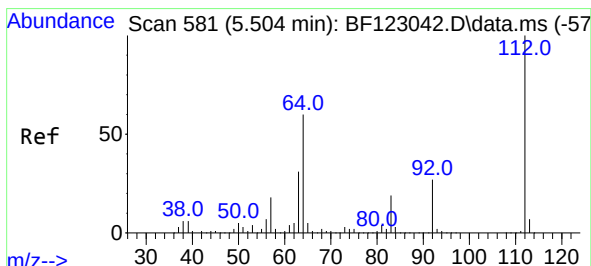
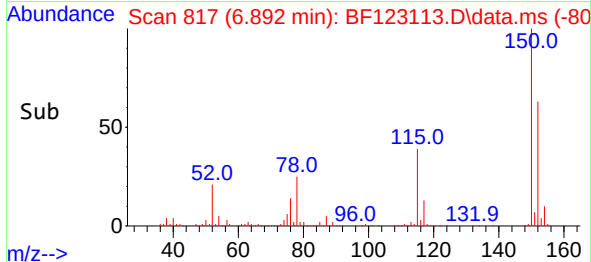
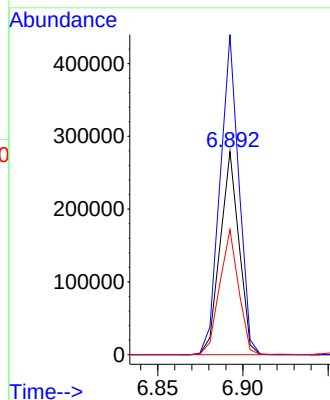
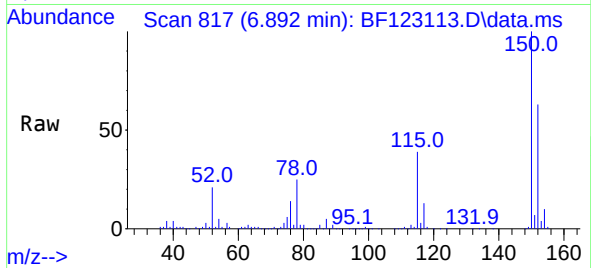




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

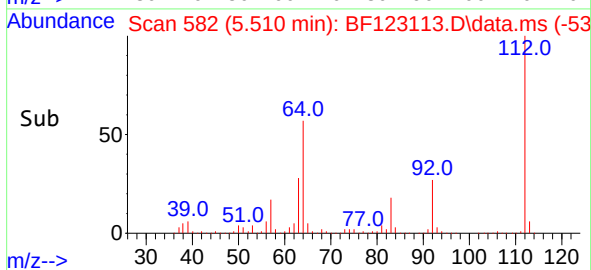
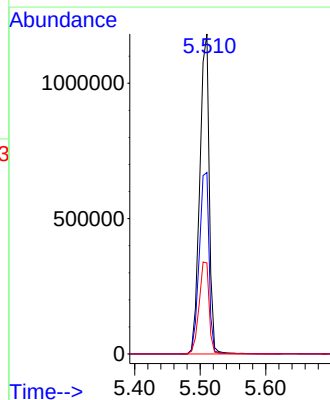
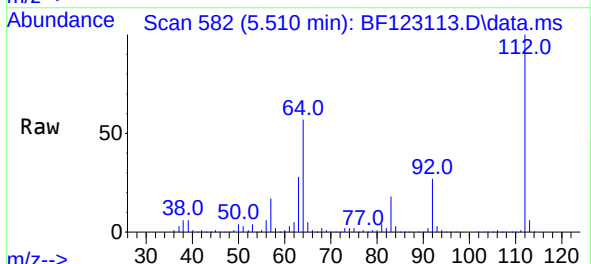
Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

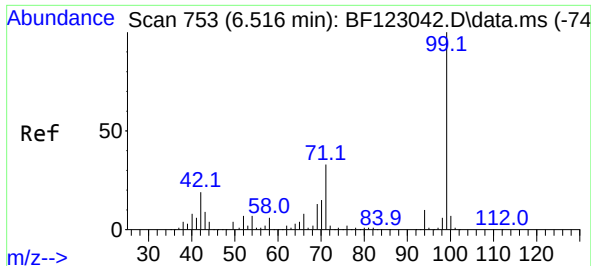
Tgt Ion:152 Resp: 214879
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 61.6 49.3 73.9



#5
2-Fluorophenol
Concen: 85.59 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion:112 Resp: 1192295
Ion Ratio Lower Upper
112 100
64 56.7 46.9 70.3
63 28.5 24.5 36.7



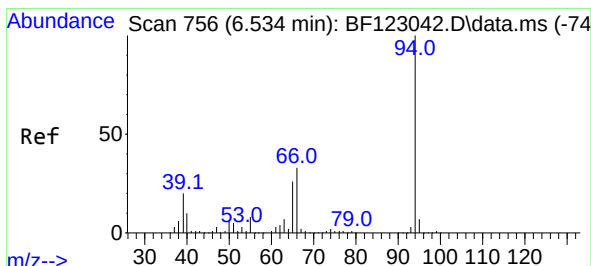
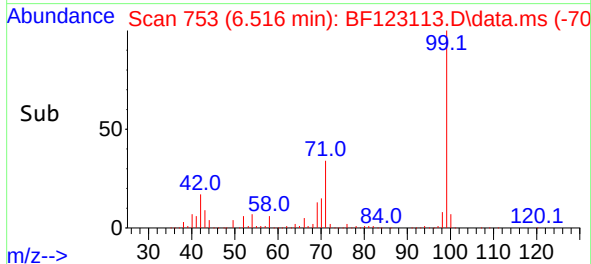
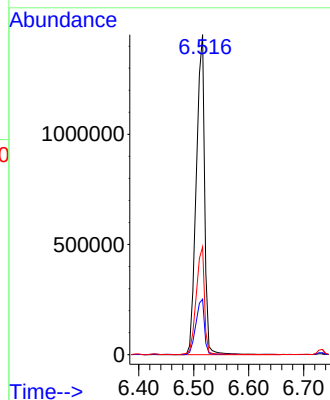
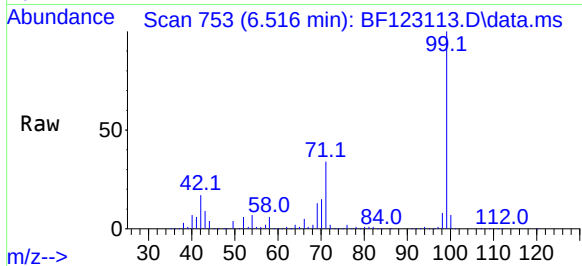


#7
Phenol-d6
Concen: 80.80 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

Tgt Ion: 99 Resp: 1525699

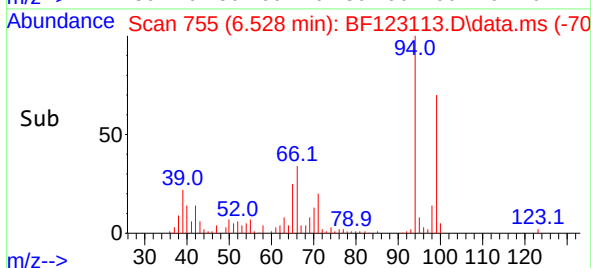
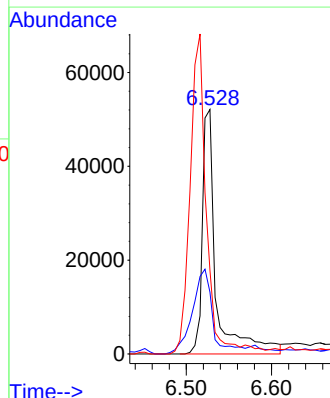
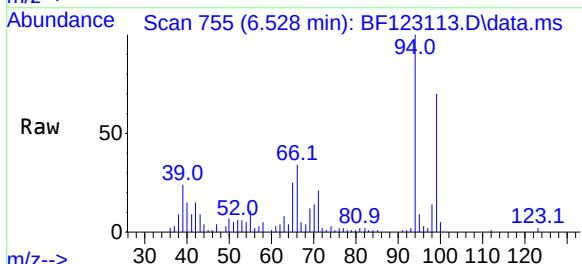
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	33.7	26.9	40.3

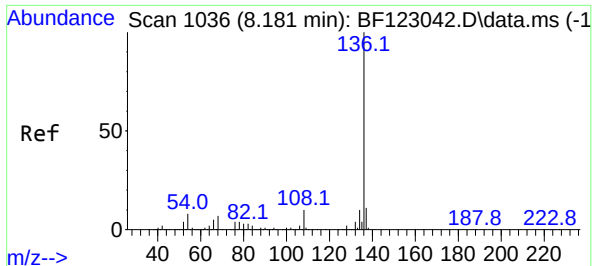


#10
Phenol
Concen: 3.15 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion: 94 Resp: 59000

Ion	Ratio	Lower	Upper
94	100		
65	25.2	11.2	51.2
66	34.1	25.8	65.8



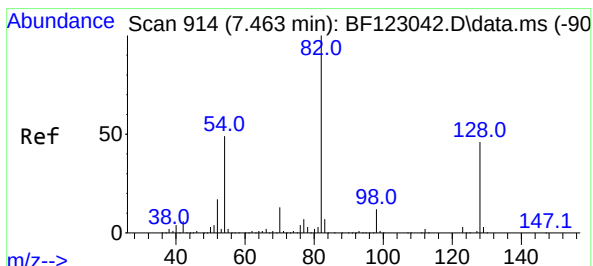
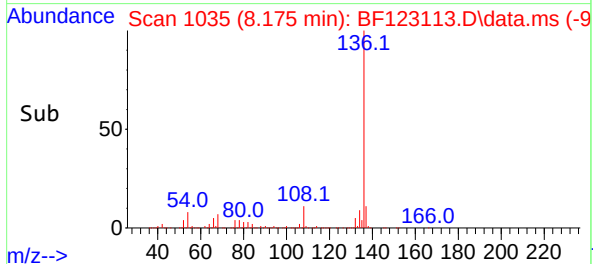
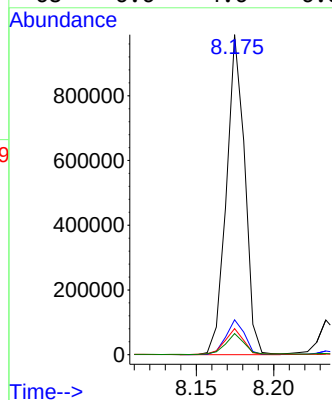
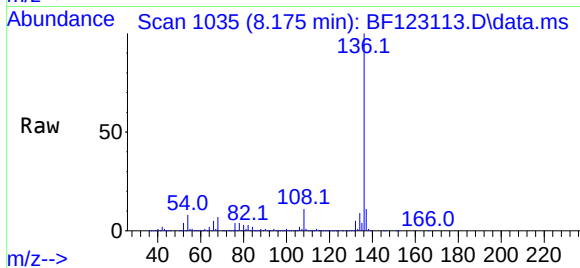


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

Tgt Ion:136 Resp: 812797

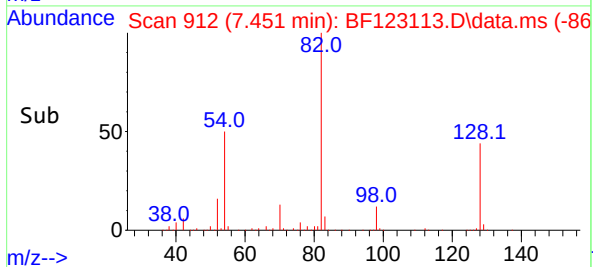
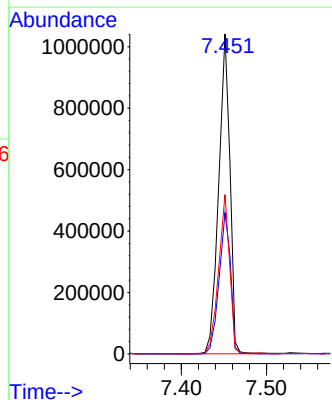
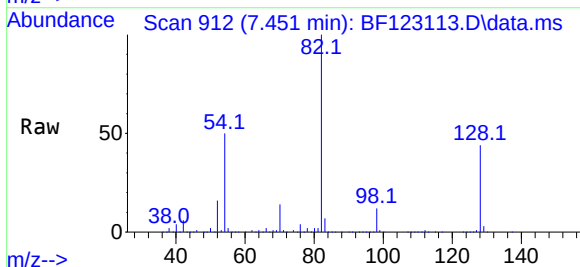
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	5.5	8.3
68	6.6	4.6	6.8

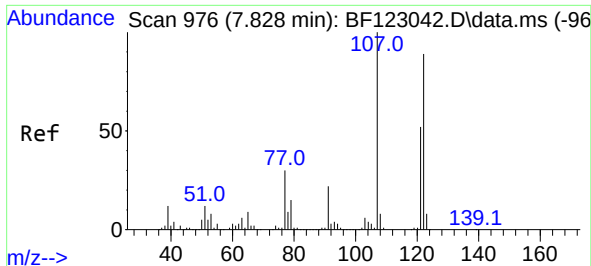


#23
Nitrobenzene-d5
Concen: 59.53 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion: 82 Resp: 961420

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.4
54	49.8	38.4	57.6



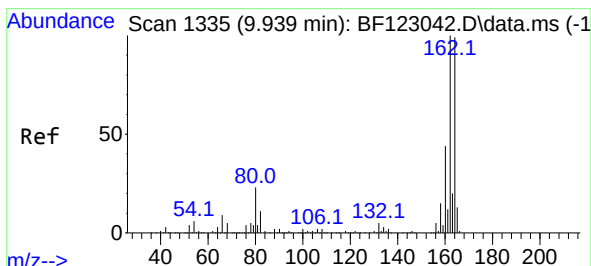
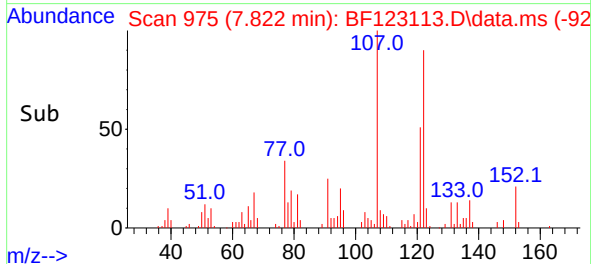
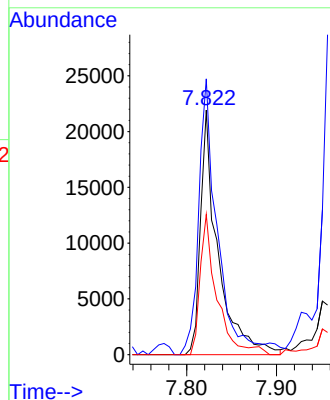
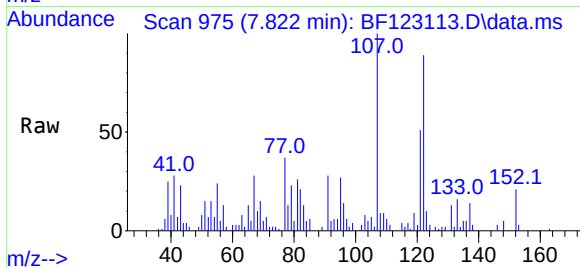


#27
2,4-Dimethylphenol
Concen: 2.38 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

Tgt Ion:122 Resp: 29576

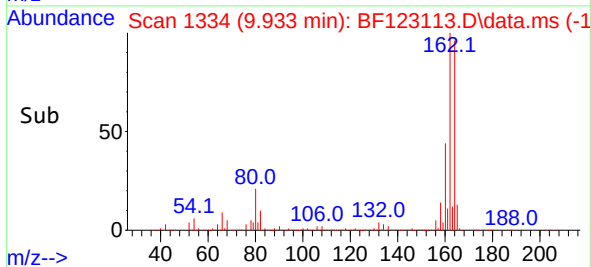
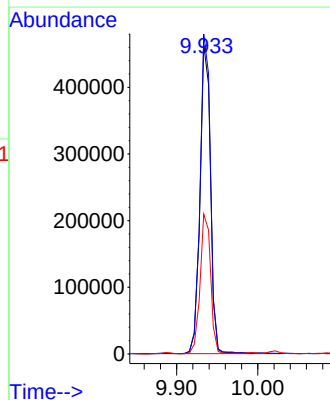
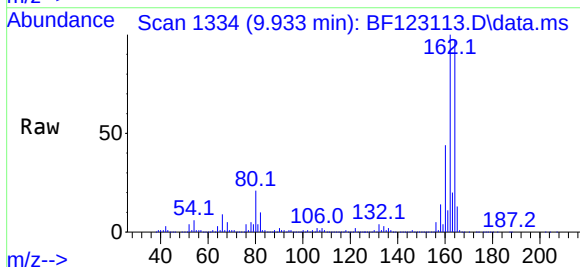
Ion	Ratio	Lower	Upper
122	100		
107	112.8	91.8	137.8
121	57.3	47.3	70.9

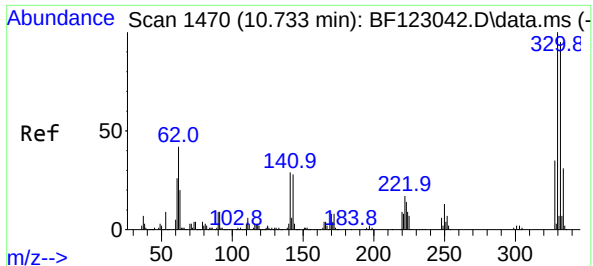


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion:164 Resp: 416333

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.8	121.2
160	45.2	35.4	53.0

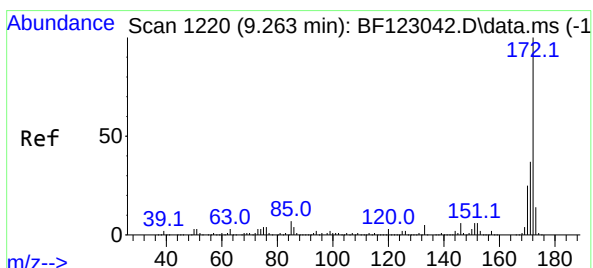
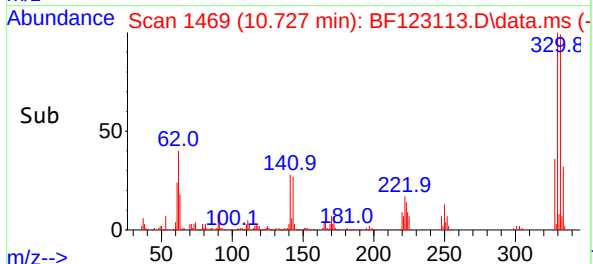
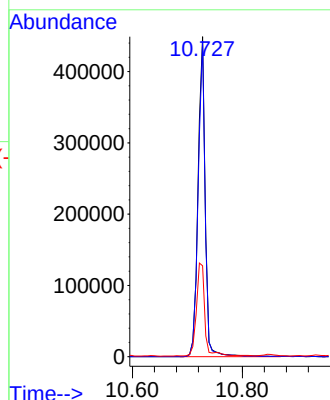
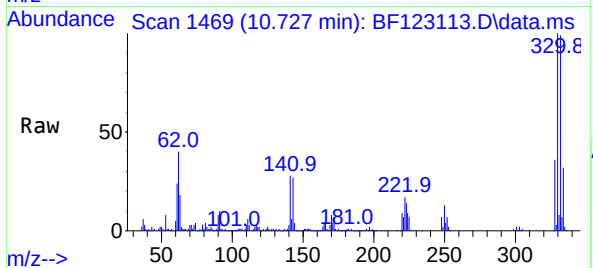




#42
2,4,6-Tribromophenol
Concen: 89.83 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

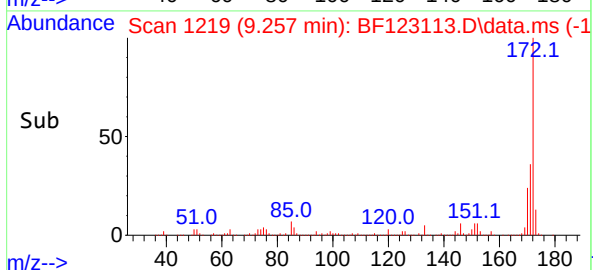
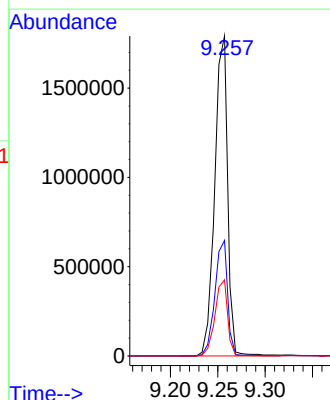
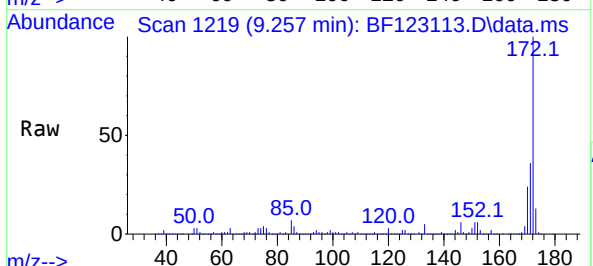
Instrument :
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ClientSampleId :
OU421-005-0205

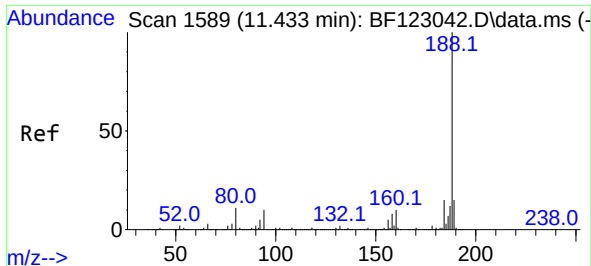
Tgt Ion:330 Resp: 406008
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 34.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 60.82 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion:172 Resp: 1703347
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.5 29.3

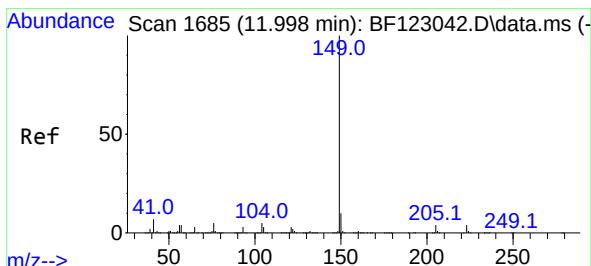
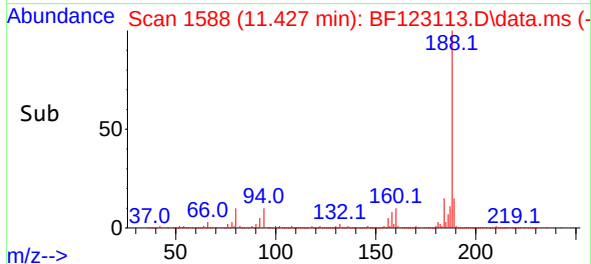
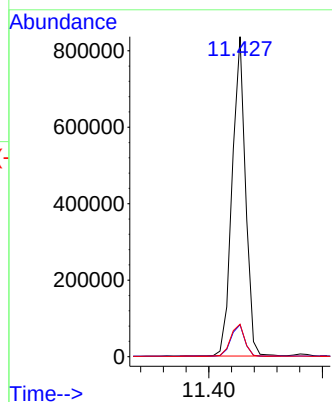
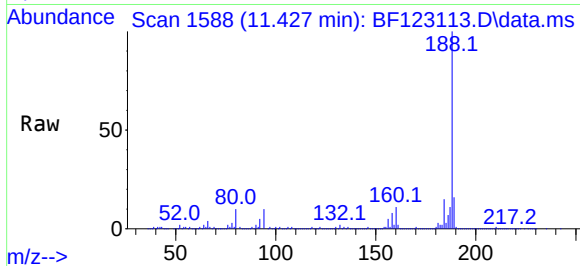




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

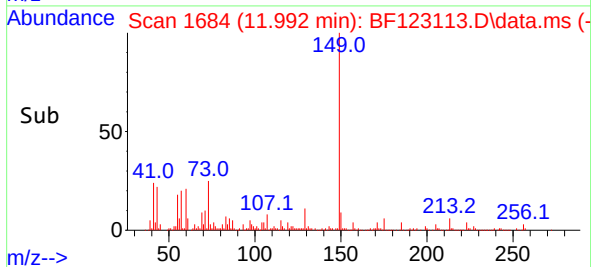
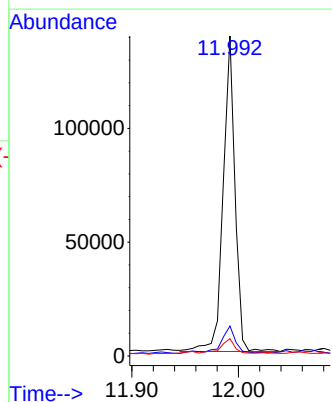
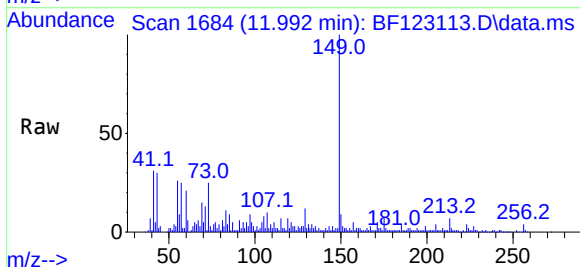
Instrument :
BNA_F
ClientSampleId :
OU421-005-0205

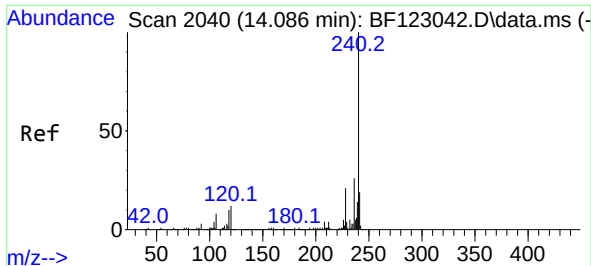
Tgt Ion:188 Resp: 679058
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.1 8.2 12.4



#74
Di-n-butylphthalate
Concen: 2.40 ng
RT: 11.992 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Tgt Ion:149 Resp: 106973
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.4 4.2 6.4

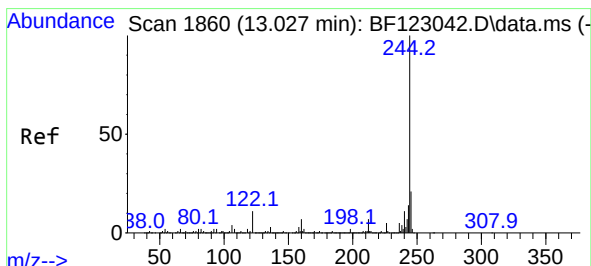
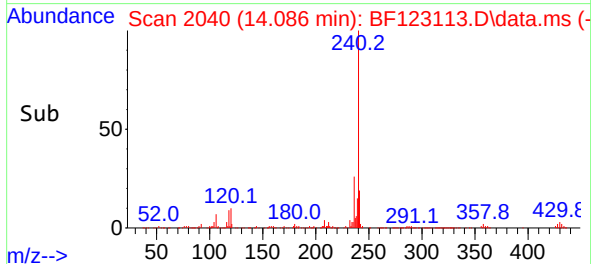
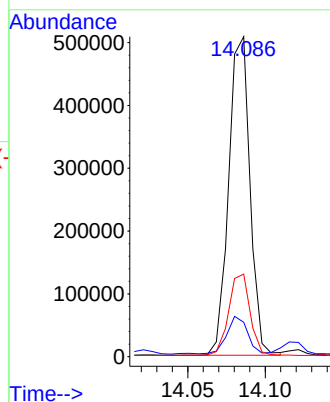
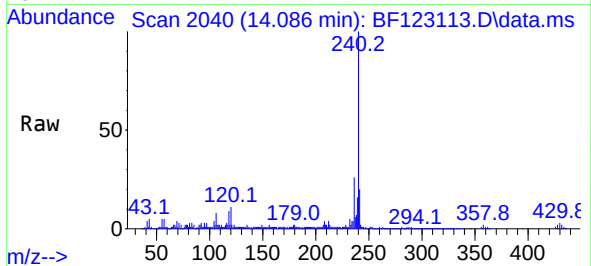




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

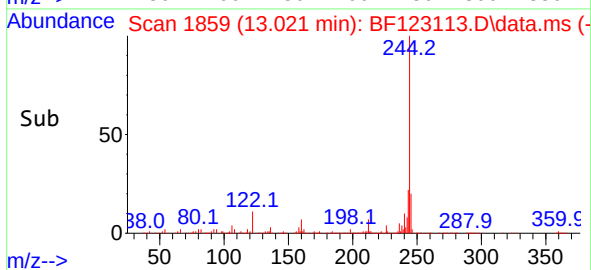
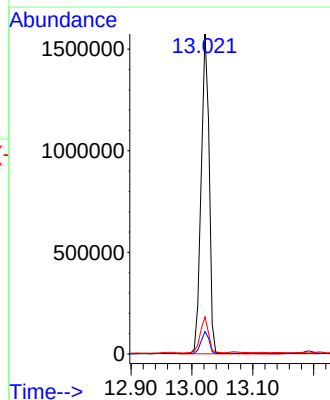
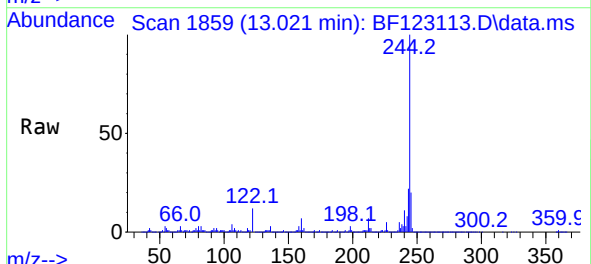
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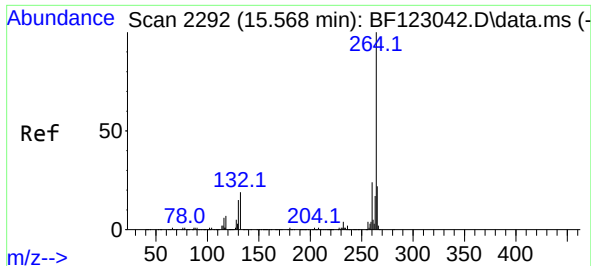
Tgt Ion:240 Resp: 485357
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 58.34 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

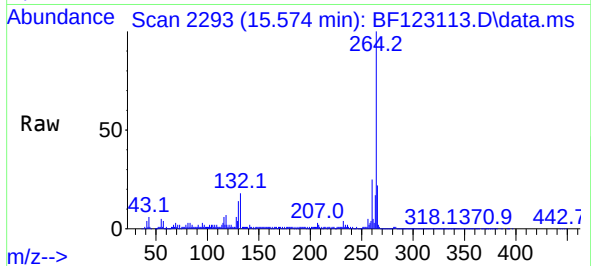
Tgt Ion:244 Resp: 1441267
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123113.D
Acq: 4 Feb 2021 14:04

Instrument :
BNA_F
ClientSampleId :
OU421-005-0205



Tgt Ion:264 Resp: 510277

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	28.0
265	22.0	17.0	25.6

