

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127143.D
 Acq On : 02 Mar 2022 13:16
 Operator : CG\JU
 Sample : N1721-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-3

Quant Time: Mar 03 00:56:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

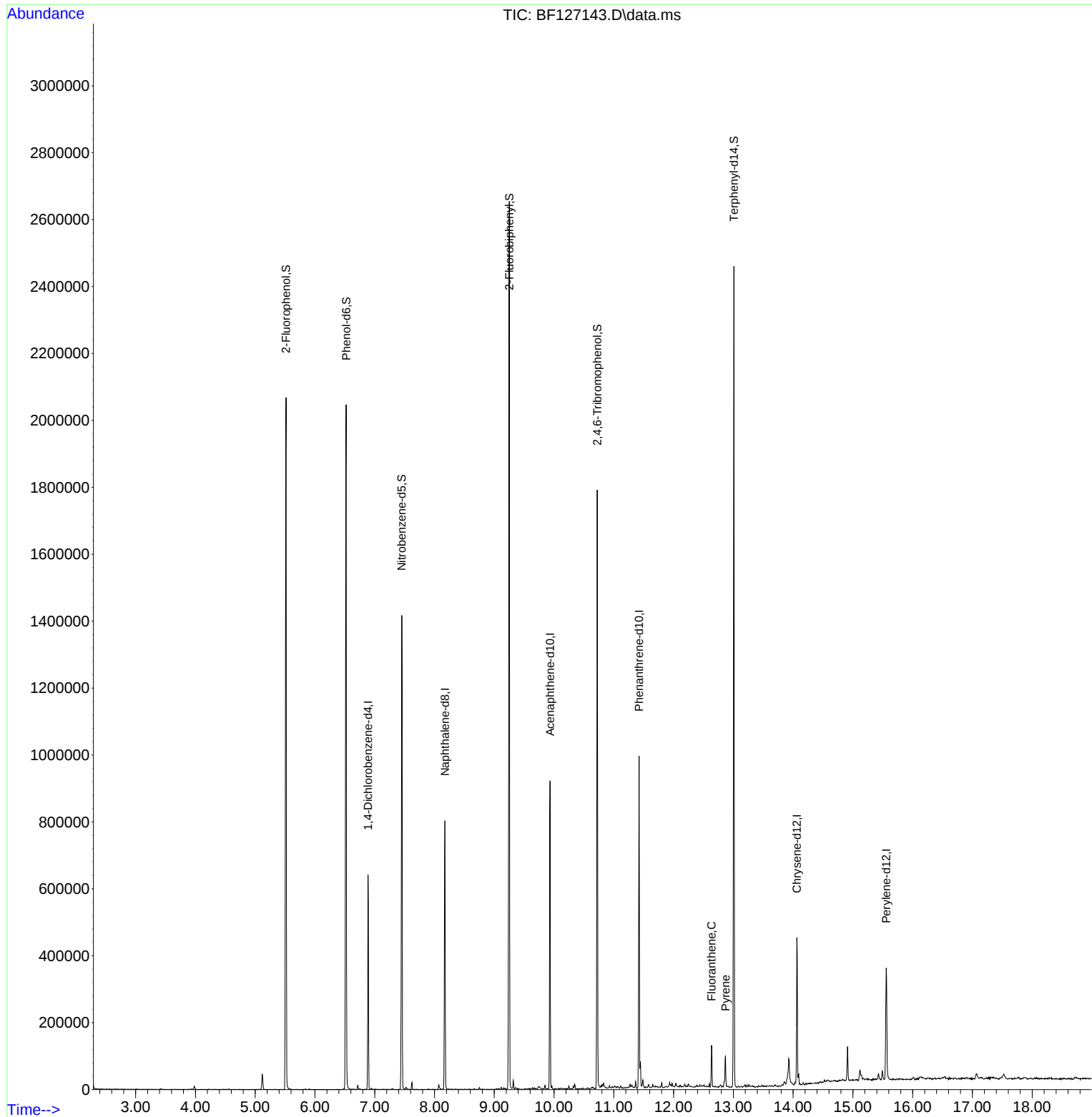
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	85519	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	340946	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	176620	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	303410	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	134344	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	145442	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	516391	93.327	ng	0.00
7) Phenol-d6	6.522	99	678772	90.913	ng	0.00
23) Nitrobenzene-d5	7.451	82	474014	62.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	194141	95.469	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	780838	65.084	ng	0.00
79) Terphenyl-d14	13.010	244	754841	82.597	ng	0.00
Target Compounds						
75) Fluoranthene	12.633	202	44999	2.791	ng	97
78) Pyrene	12.869	202	35938	3.079	ng	95

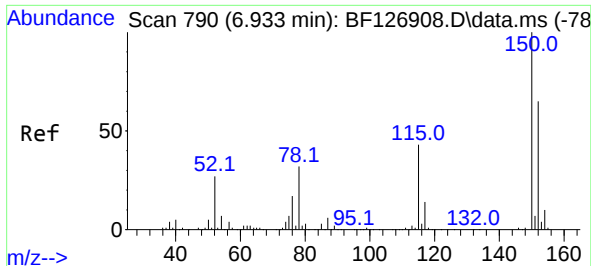
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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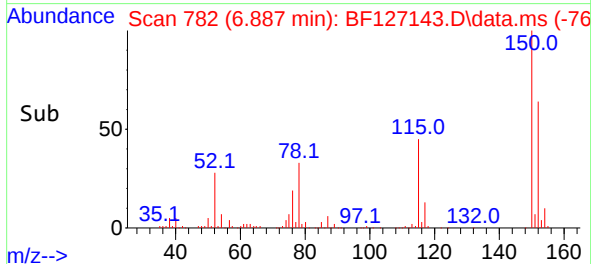
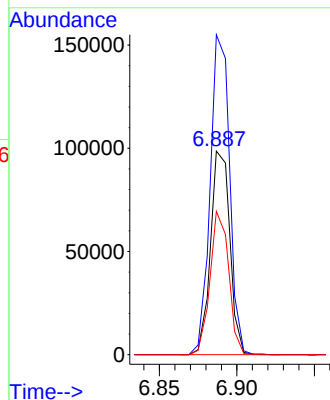
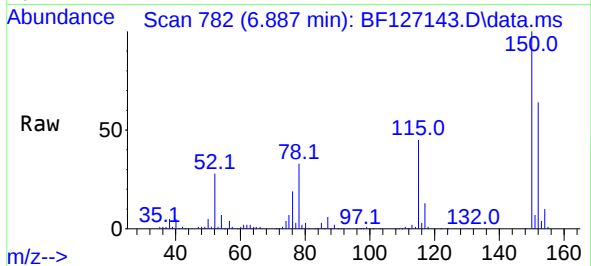




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

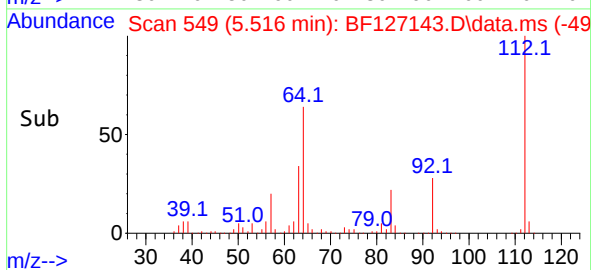
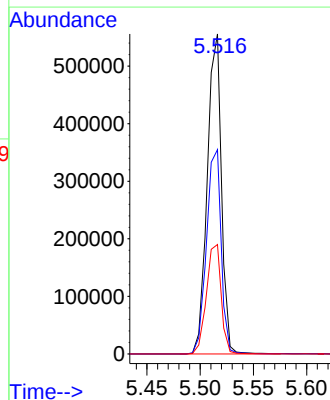
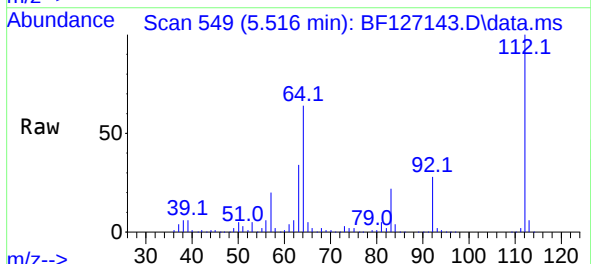
Instrument :
BNA_F
ClientSampleId :
DUM-3

Tgt Ion:152 Resp: 85519
Ion Ratio Lower Upper
152 100
150 157.0 128.1 192.1
115 70.4 56.7 85.1



#5
2-Fluorophenol
Concen: 93.327 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion:112 Resp: 516391
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 34.2 23.9 35.9

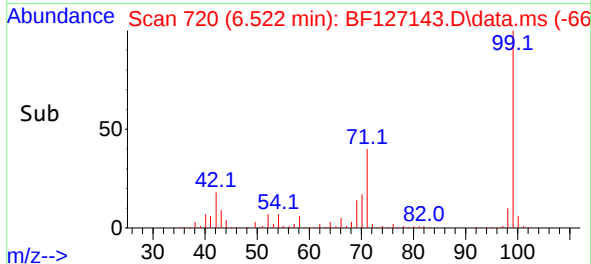
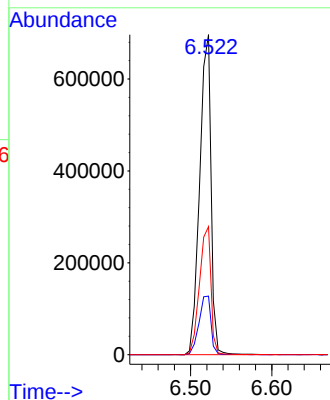
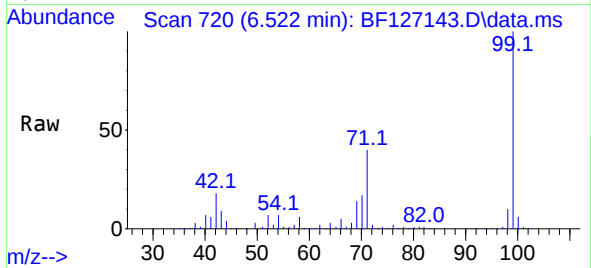




#7
Phenol-d6
Concen: 90.913 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

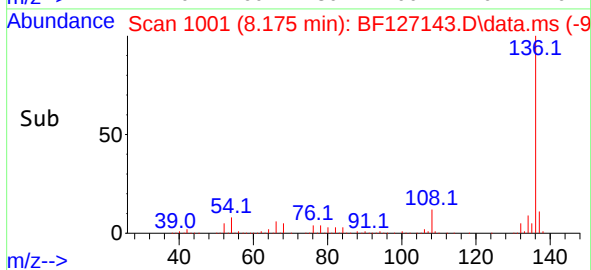
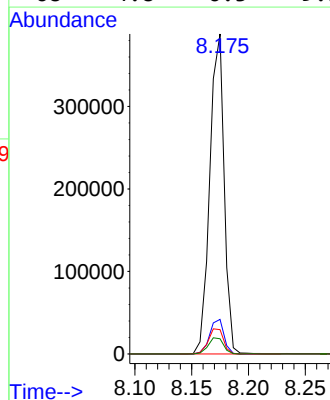
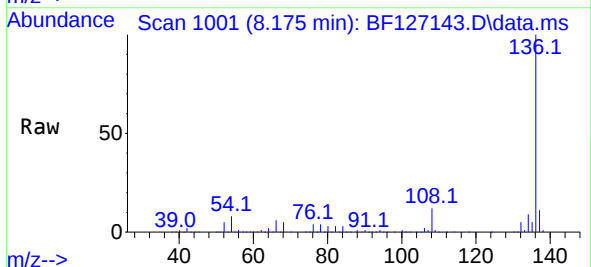
Instrument :
BNA_F
ClientSampleId :
DUM-3

Tgt Ion: 99 Resp: 678772
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 40.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion: 136 Resp: 340946
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 7.8 11.6#
68 4.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 62.754 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Instrument :

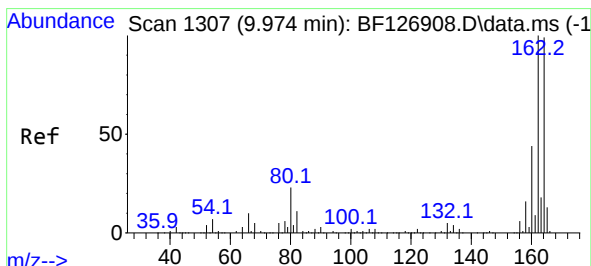
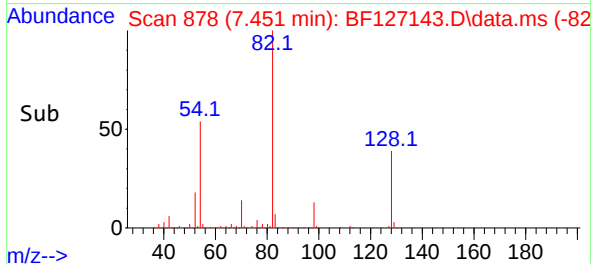
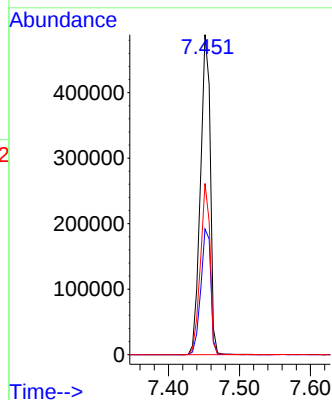
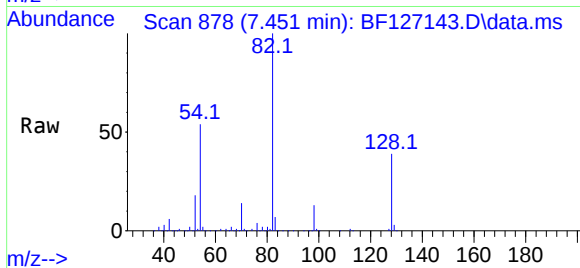
BNA_F

ClientSampleId :

DUM-3

Tgt Ion: 82 Resp: 474014

Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.7	49.1
54	53.5	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1300

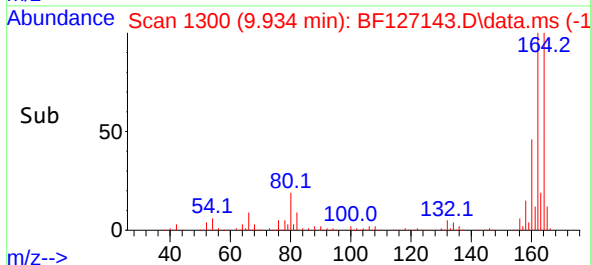
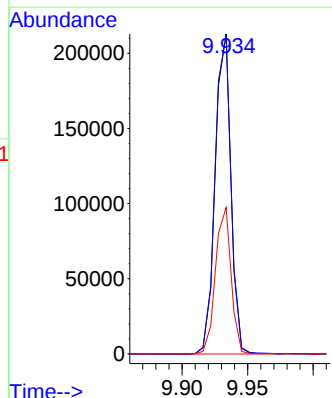
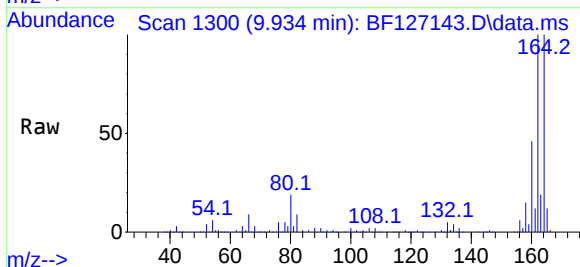
Delta R.T. -0.006 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Tgt Ion: 164 Resp: 176620

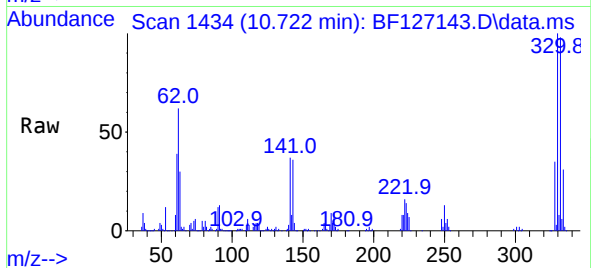
Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.4	122.0
160	45.7	36.6	54.8



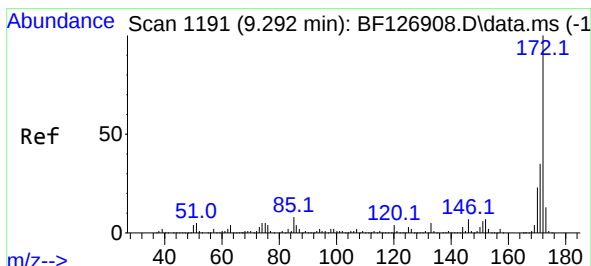
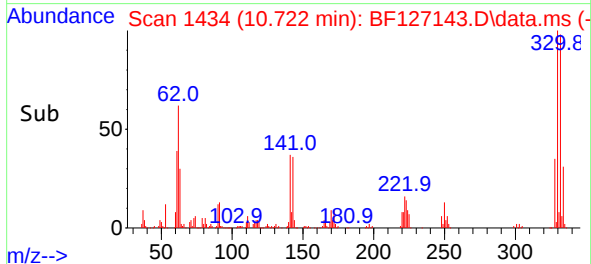
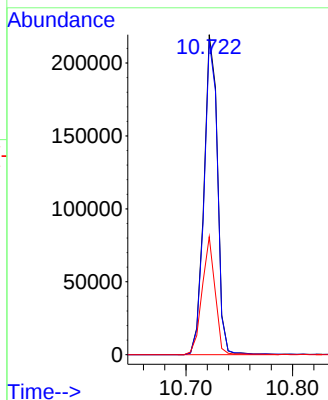


#42
2,4,6-Tribromophenol
Concen: 95.469 ng
RT: 10.722 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Instrument :
BNA_F
ClientSampleId :
DUM-3

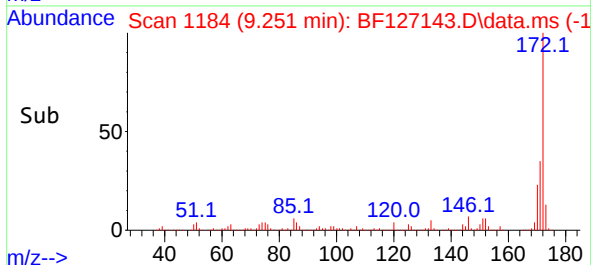
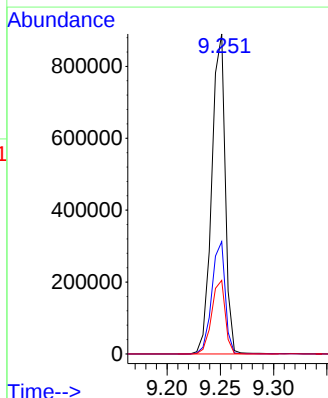
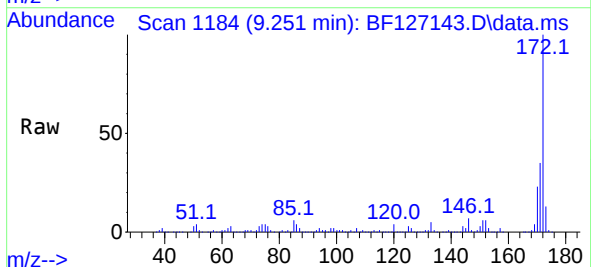


Tgt Ion:330 Resp: 194141
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 35.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 65.084 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion:172 Resp: 780838
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 19.0 28.6

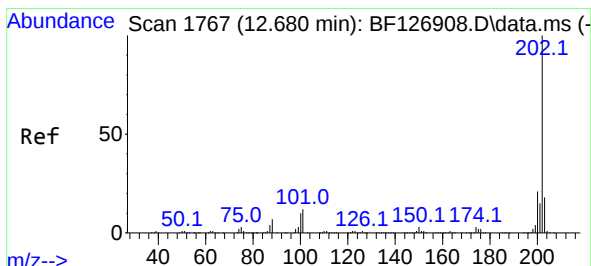
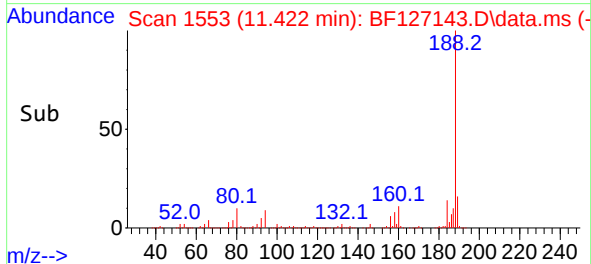
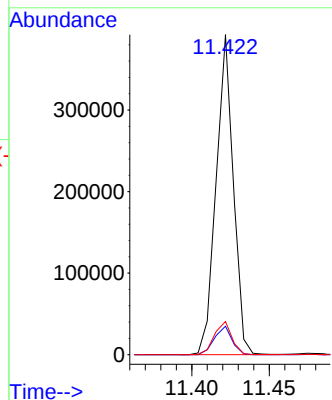
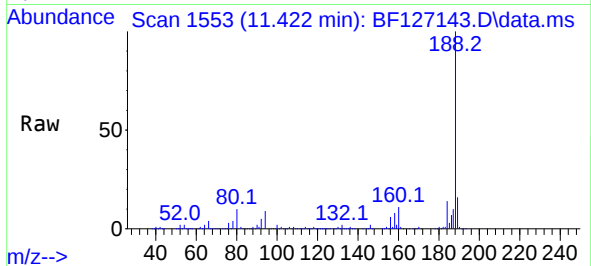




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

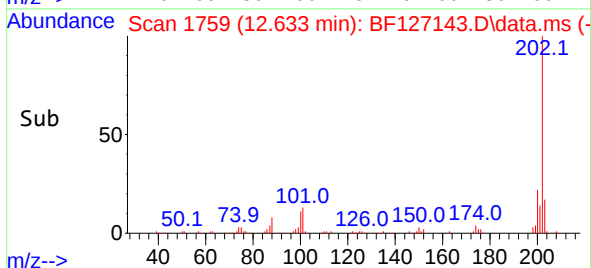
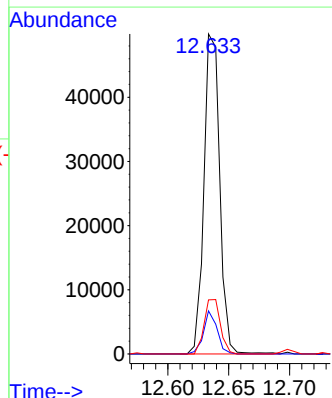
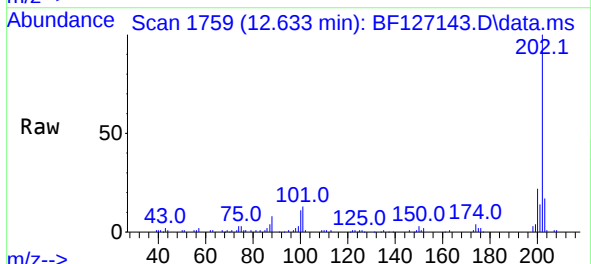
Instrument :
BNA_F
ClientSampleId :
DUM-3

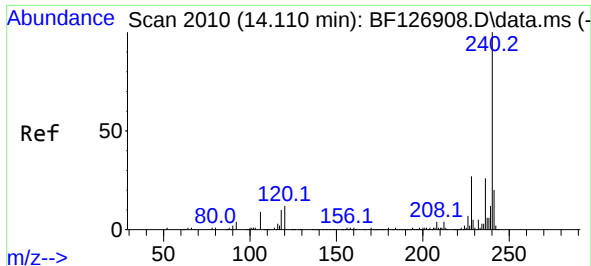
Tgt Ion:188 Resp: 303410
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 10.3 11.8 17.6#



#75
Fluoranthene
Concen: 2.791 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion:202 Resp: 44999
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.7
203 16.9 0.0 37.1

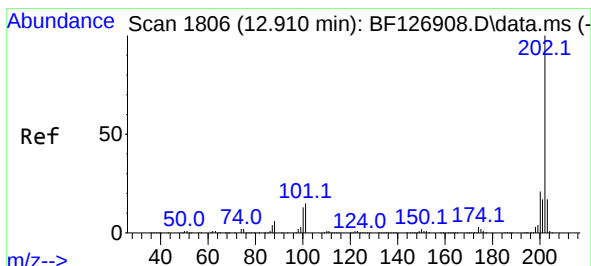
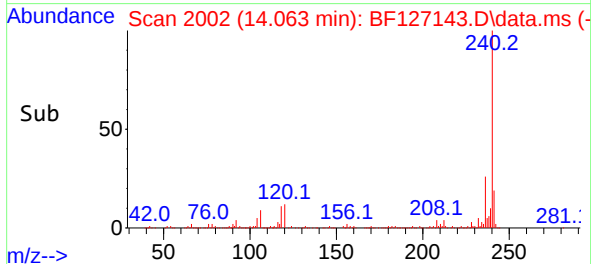
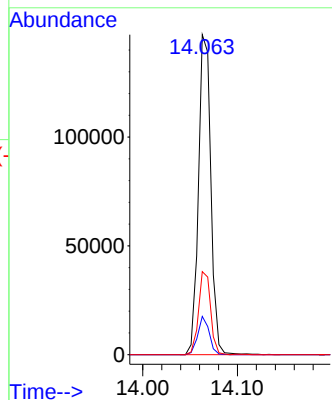
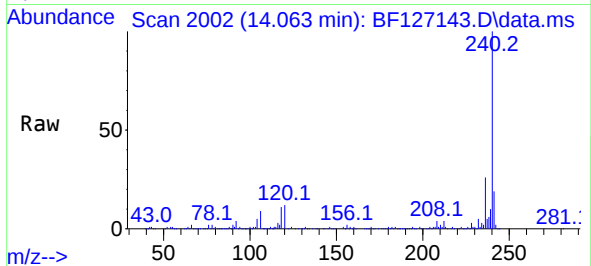




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

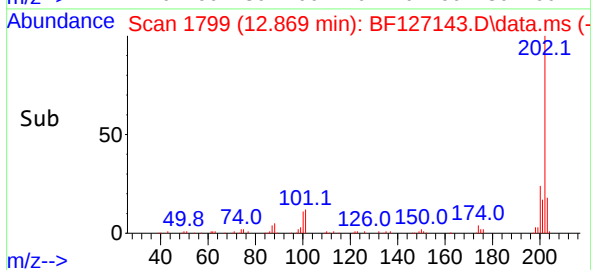
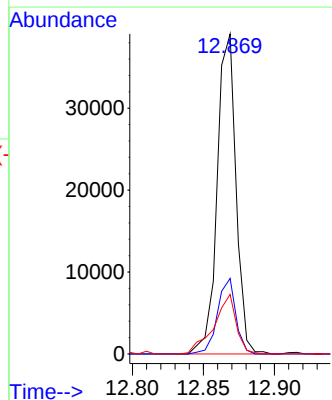
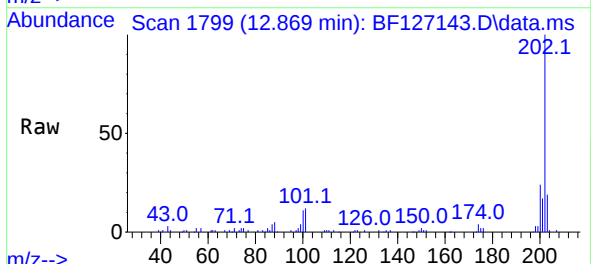
Instrument :
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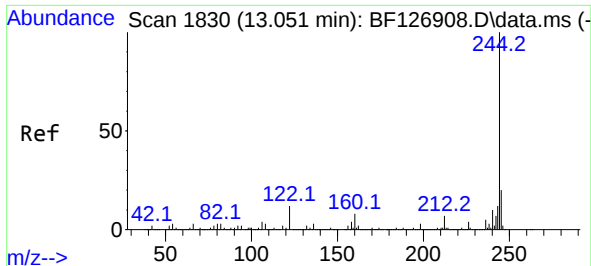
Tgt Ion:240 Resp: 134344
Ion Ratio Lower Upper
240 100
120 12.0 14.4 21.6#
236 26.0 20.5 30.7



#78
Pyrene
Concen: 3.079 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

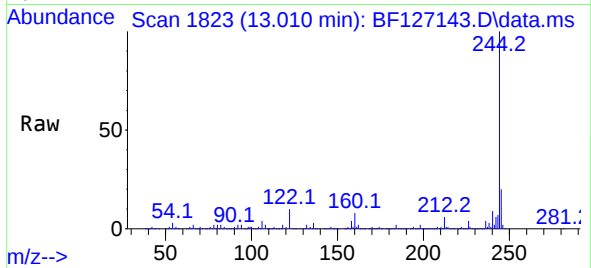
Tgt Ion:202 Resp: 35938
Ion Ratio Lower Upper
202 100
200 23.6 16.6 24.8
203 18.6 13.8 20.8



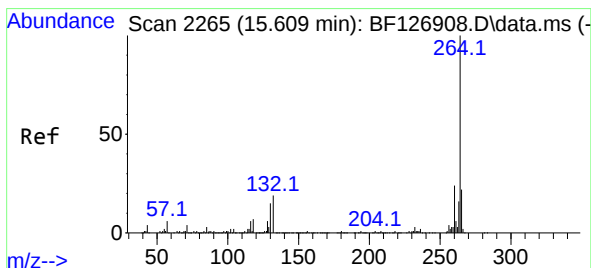
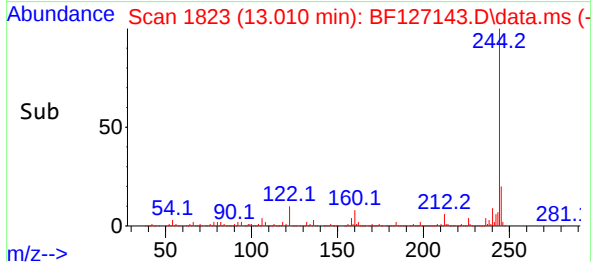
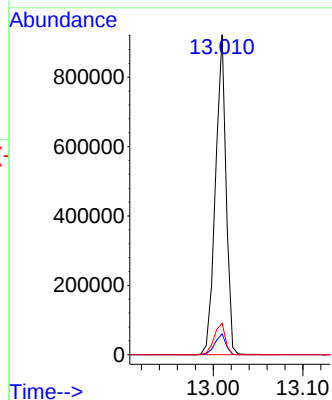


#79
Terphenyl-d14
Concen: 82.597 ng
RT: 13.010 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Instrument :
BNA_F
ClientSampleId :
DUM-3



Tgt Ion:244 Resp: 754841
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 9.8 13.3 19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion:264 Resp: 145442
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.7 17.4 26.2

