

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127573.D
 Acq On : 29 Mar 2022 18:53
 Operator : CG\JU
 Sample : N2149-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PILE-LINDEN-SWICH

Quant Time: Mar 30 08:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

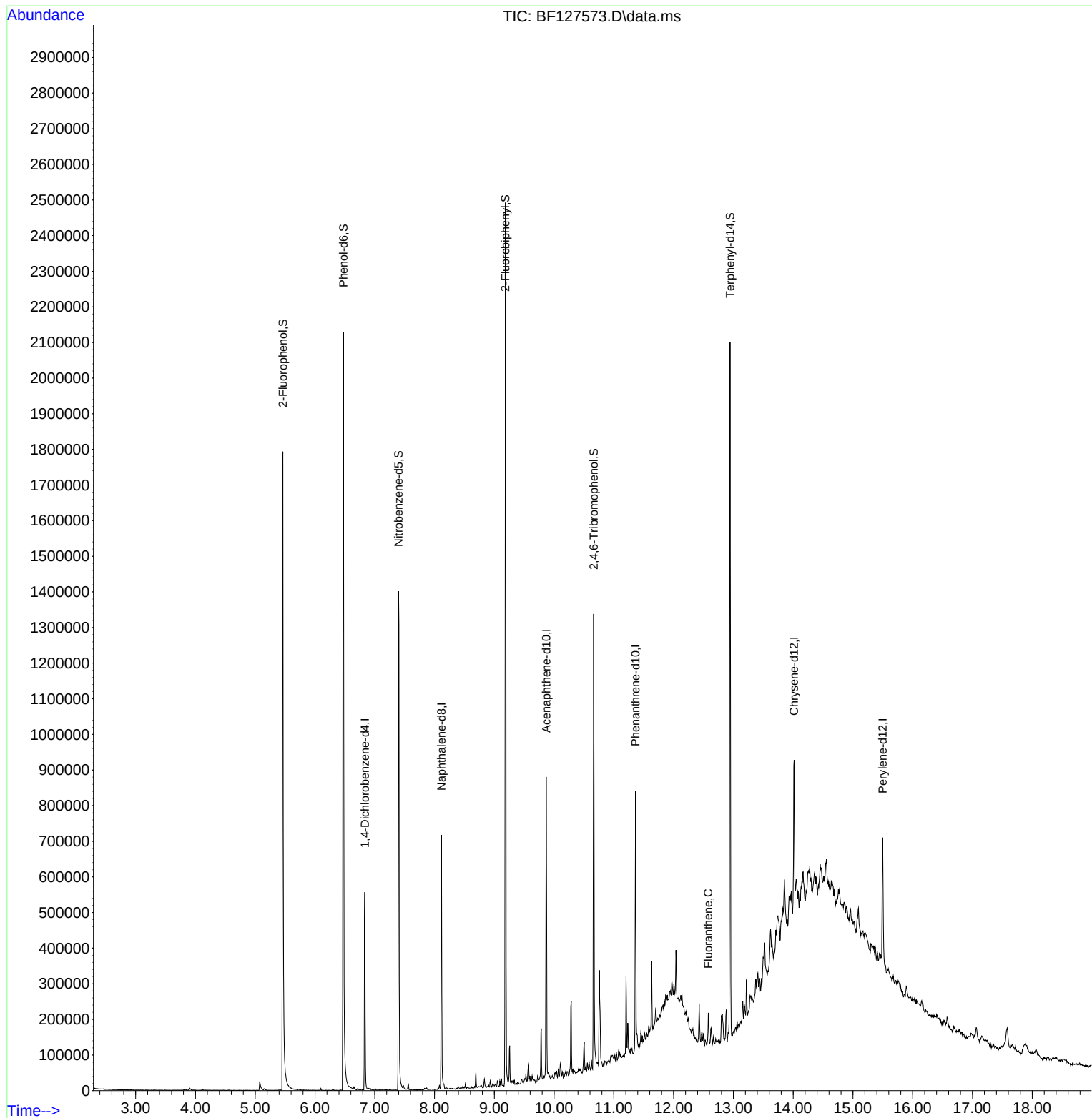
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	81054	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	284253	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	154439	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	237644	20.000	ng	0.00
76) Chrysene-d12	14.015	240	168856	20.000	ng	0.00
86) Perylene-d12	15.498	264	184724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	520964	102.595	ng	0.00
7) Phenol-d6	6.475	99	682342	98.305	ng	0.00
23) Nitrobenzene-d5	7.398	82	465548	70.009	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	141236	85.849	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	774833	73.261	ng	0.00
79) Terphenyl-d14	12.945	244	629706	61.049	ng	0.00
Target Compounds						
75) Fluoranthene	12.580	202	31403	2.304	ng	Qvalue 93

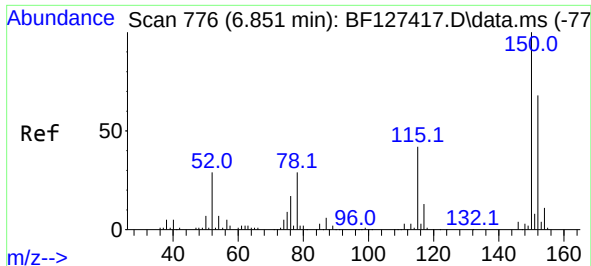
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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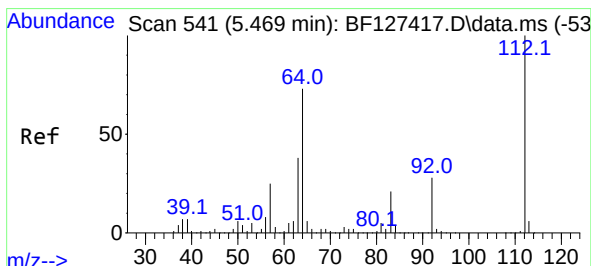
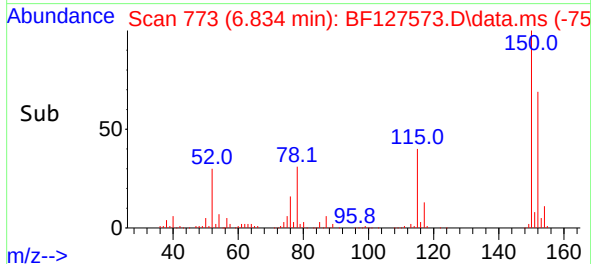
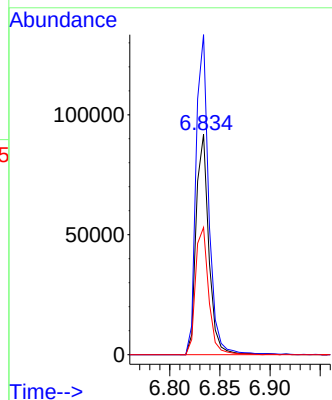
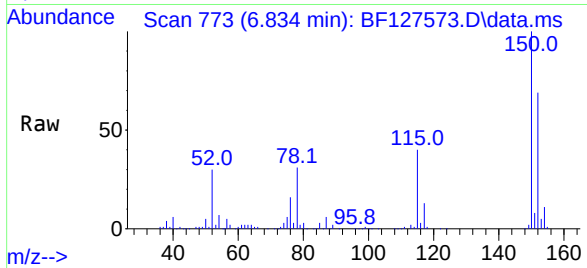




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

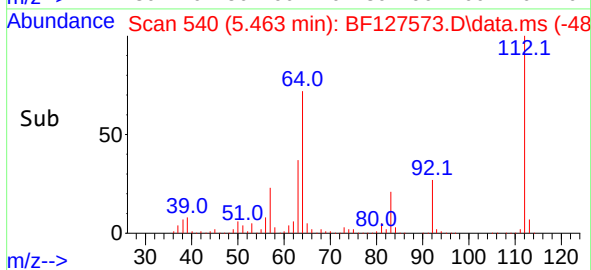
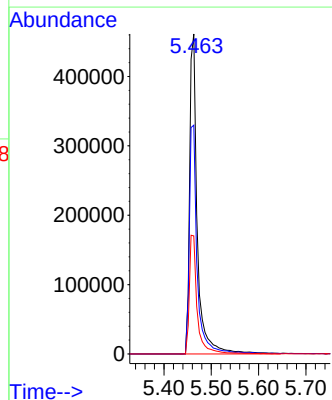
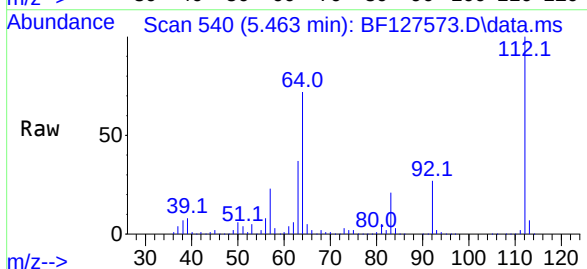
Instrument :
BNA_F
ClientSampleId :
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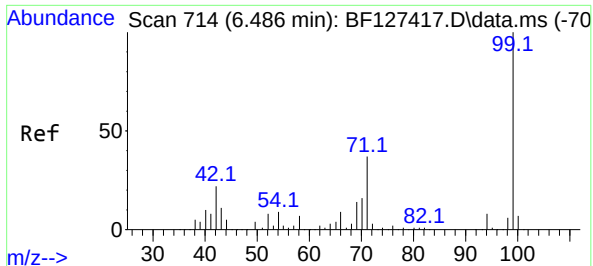
Tgt Ion:152 Resp: 81054
Ion Ratio Lower Upper
152 100
150 145.3 117.2 175.8
115 57.8 49.8 74.6



#5
2-Fluorophenol
Concen: 102.595 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:112 Resp: 520964
Ion Ratio Lower Upper
112 100
64 71.5 58.4 87.6
63 36.9 30.1 45.1

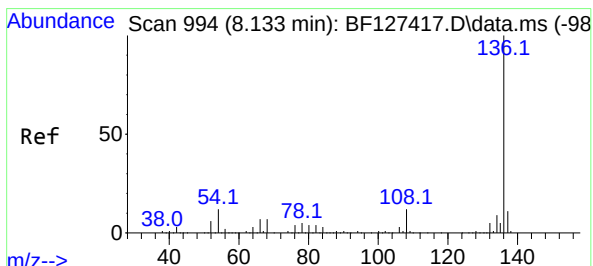
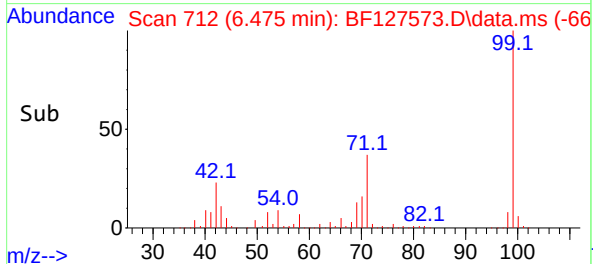
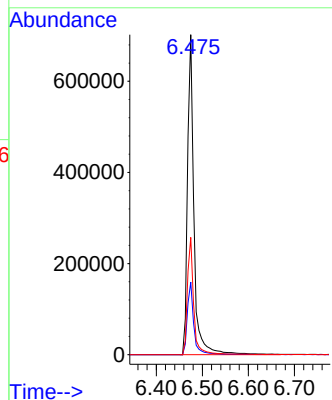
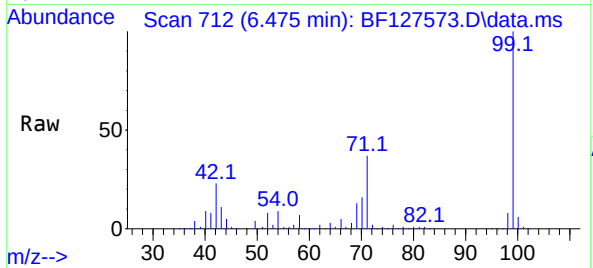




#7
Phenol-d6
Concen: 98.305 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

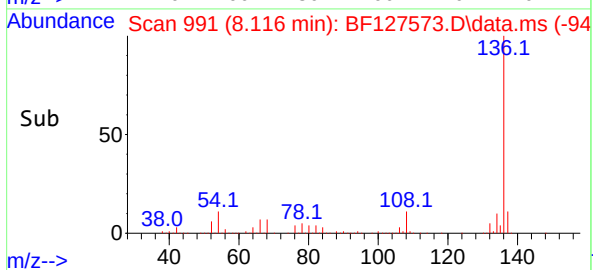
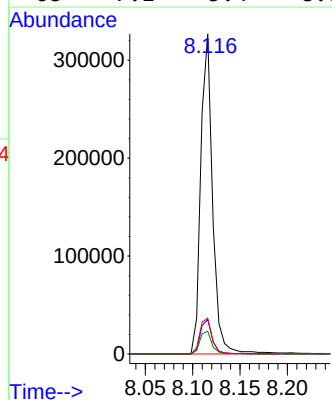
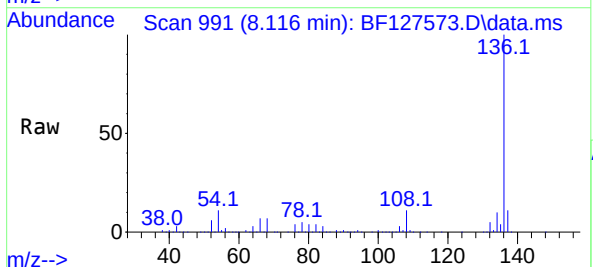
Instrument :
BNA_F
ClientSampleId :
PILE-LINDEN-SWITCH

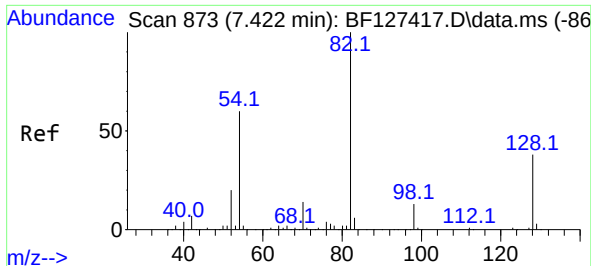
Tgt Ion: 99 Resp: 682342
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 36.7 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion: 136 Resp: 284253
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.2 9.2 13.8
68 7.1 5.4 8.0

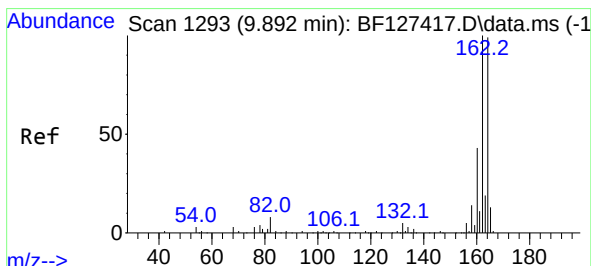
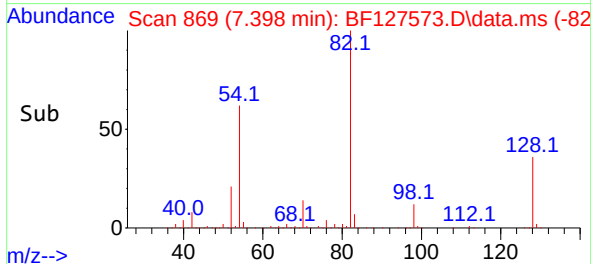
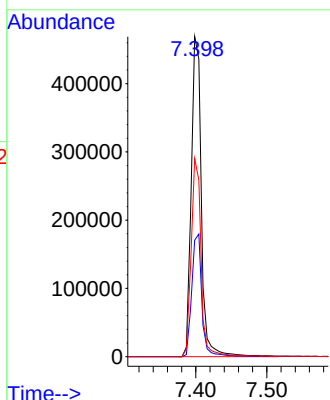
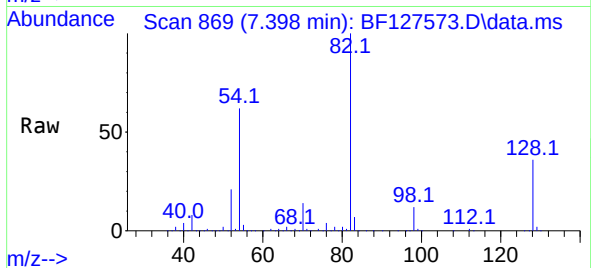




#23
Nitrobenzene-d5
Concen: 70.009 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

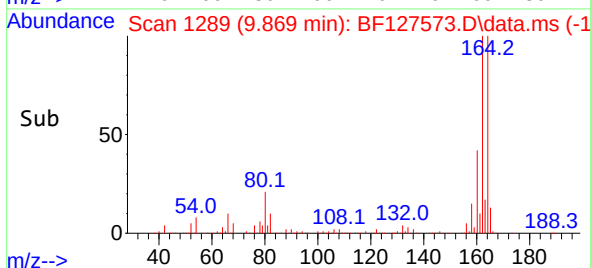
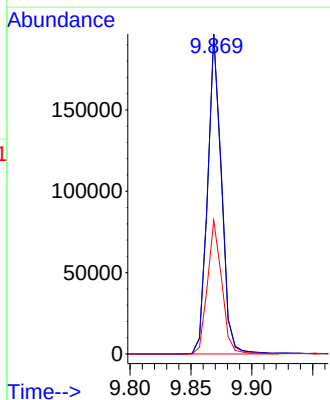
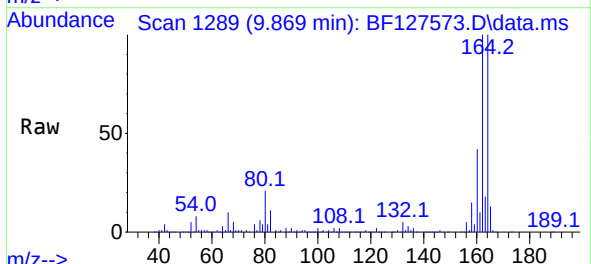
Instrument :
BNA_F
ClientSampleId :
PILE-LINDEN-SWICH

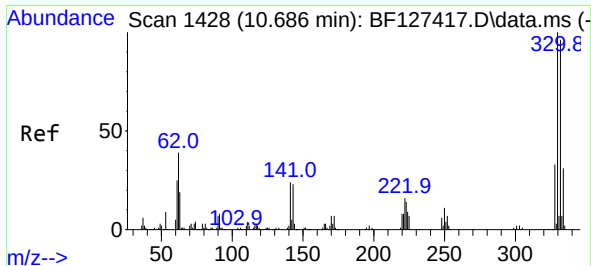
Tgt Ion: 82 Resp: 465548
Ion Ratio Lower Upper
82 100
128 36.4 30.6 45.8
54 61.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:164 Resp: 154439
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 41.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 85.849 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF127573.D

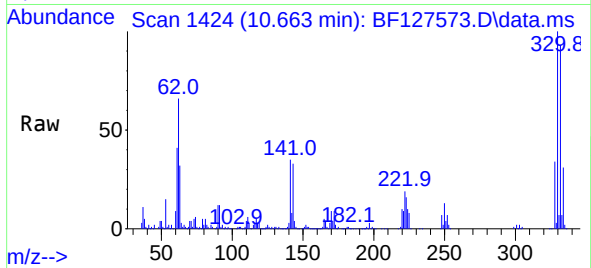
Acq: 29 Mar 2022 18:53

Instrument :

BNA_F

ClientSampleId :

PILE-LINDEN-SWITCH



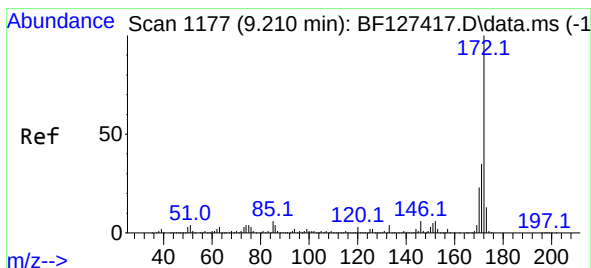
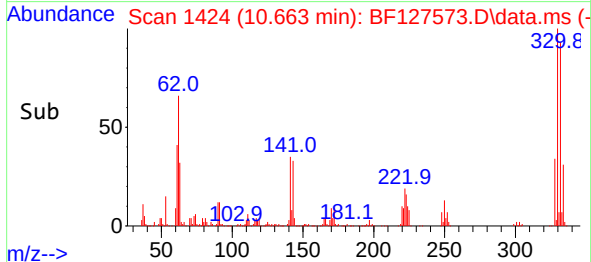
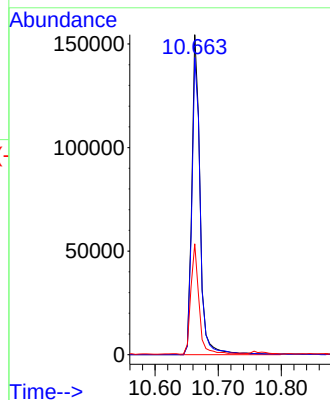
Tgt Ion:330 Resp: 141236

Ion Ratio Lower Upper

330 100

332 95.5 79.1 118.7

141 34.2 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 73.261 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF127573.D

Acq: 29 Mar 2022 18:53

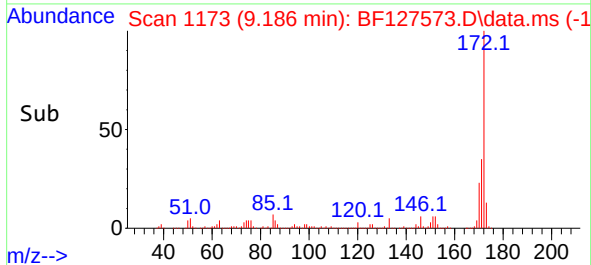
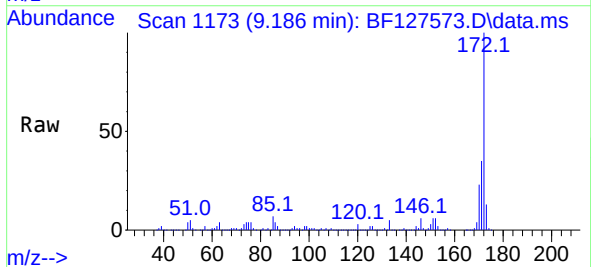
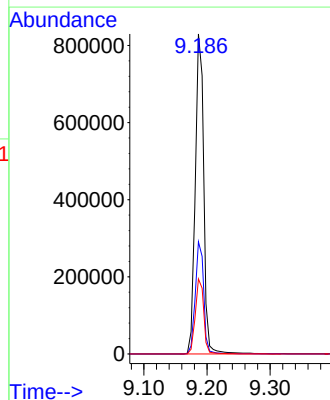
Tgt Ion:172 Resp: 774833

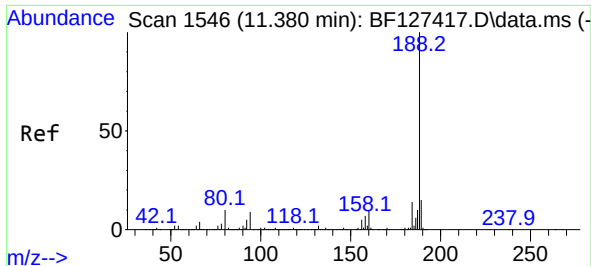
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 18.6 27.8

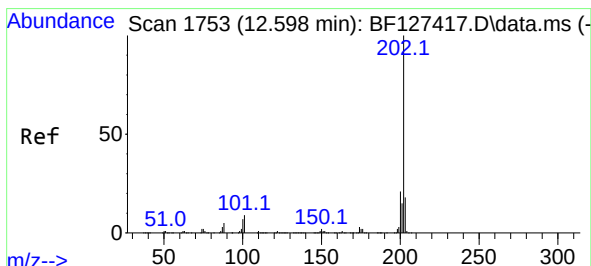
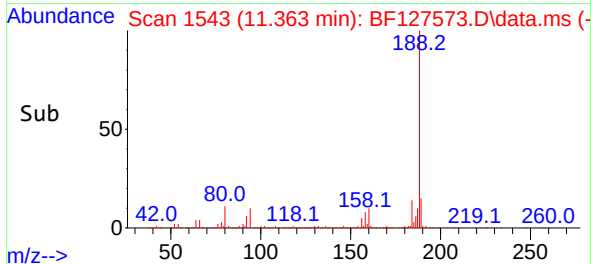
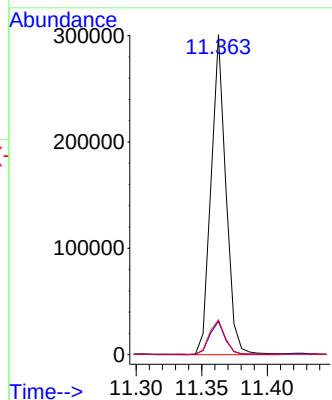
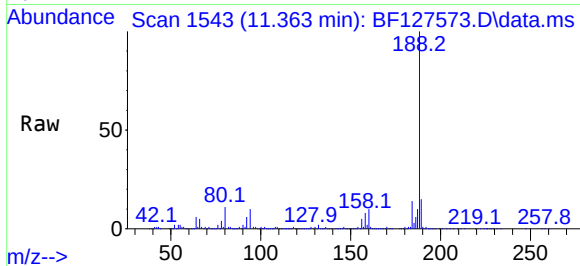




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

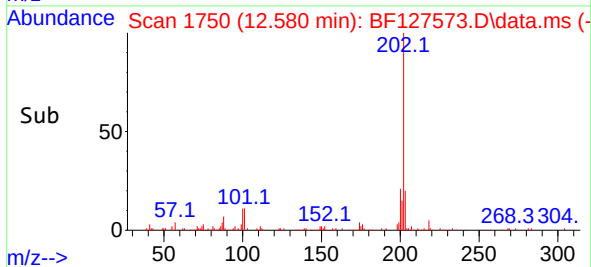
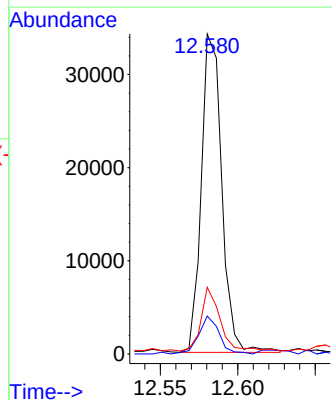
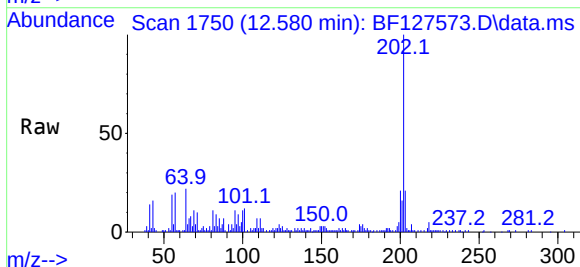
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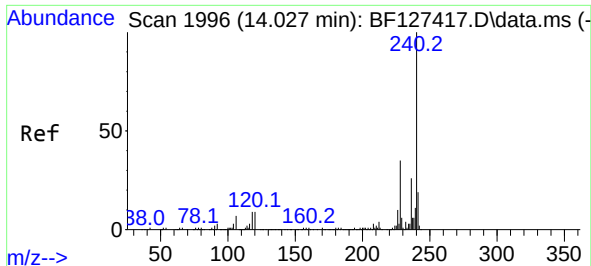
Tgt Ion:188 Resp: 237644
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 10.8 8.0 12.0



#75
Fluoranthene
Concen: 2.304 ng
RT: 12.580 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Tgt Ion:202 Resp: 31403
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.0
203 20.9 0.0 37.7

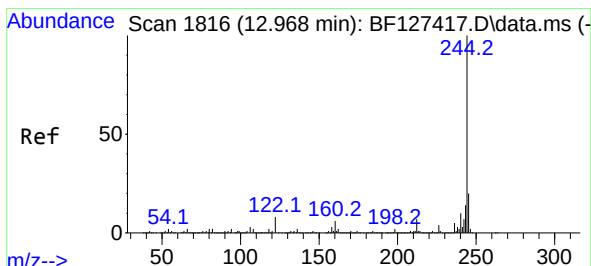
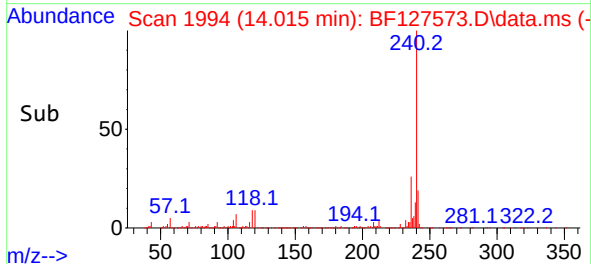
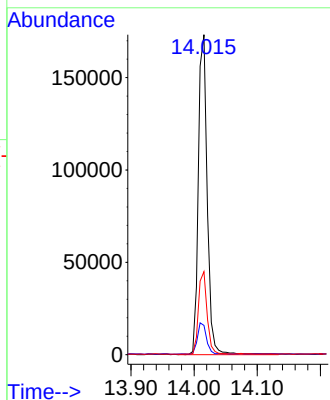
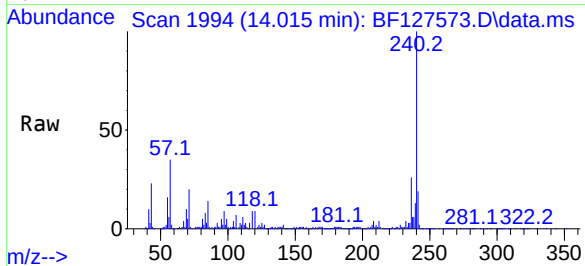




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

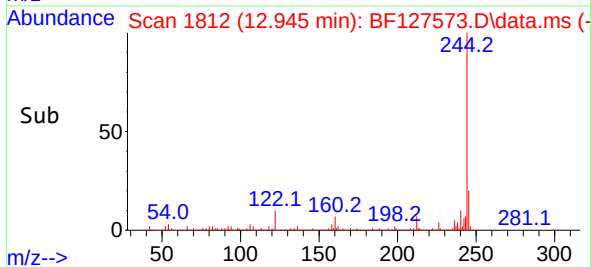
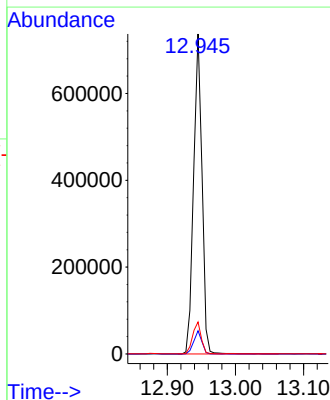
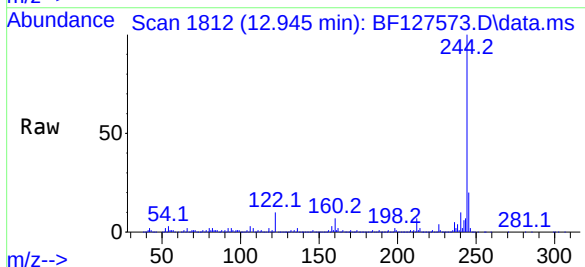
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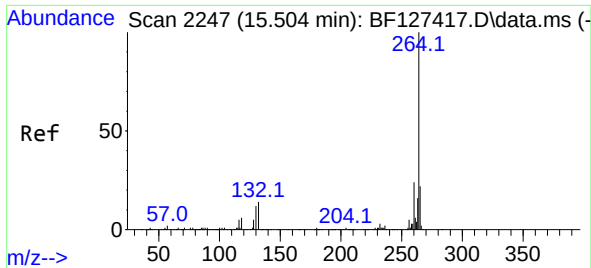
Tgt Ion:240 Resp: 168856
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 61.049 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

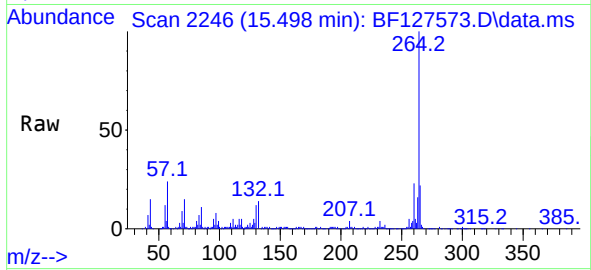
Tgt Ion:244 Resp: 629706
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.0 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127573.D
Acq: 29 Mar 2022 18:53

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 184724

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.6	17.4	26.2

