

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126139.D
 Acq On : 11 Nov 2021 22:31
 Operator : JU/CG
 Sample : M4628-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAMINGTON-COMP

Quant Time: Nov 12 09:44:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	135751	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	496396	20.000	ng	#-0.02
39) Acenaphthene-d10	9.875	164	282450	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	474367	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	377520	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	375709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	737629	93.312	ng	0.00
7) Phenol-d6	6.469	99	948396	85.108	ng	-0.02
23) Nitrobenzene-d5	7.398	82	678680	64.478	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	287282	88.752	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1305785	62.474	ng	-0.02
79) Terphenyl-d14	12.951	244	1190607	50.856	ng	-0.01

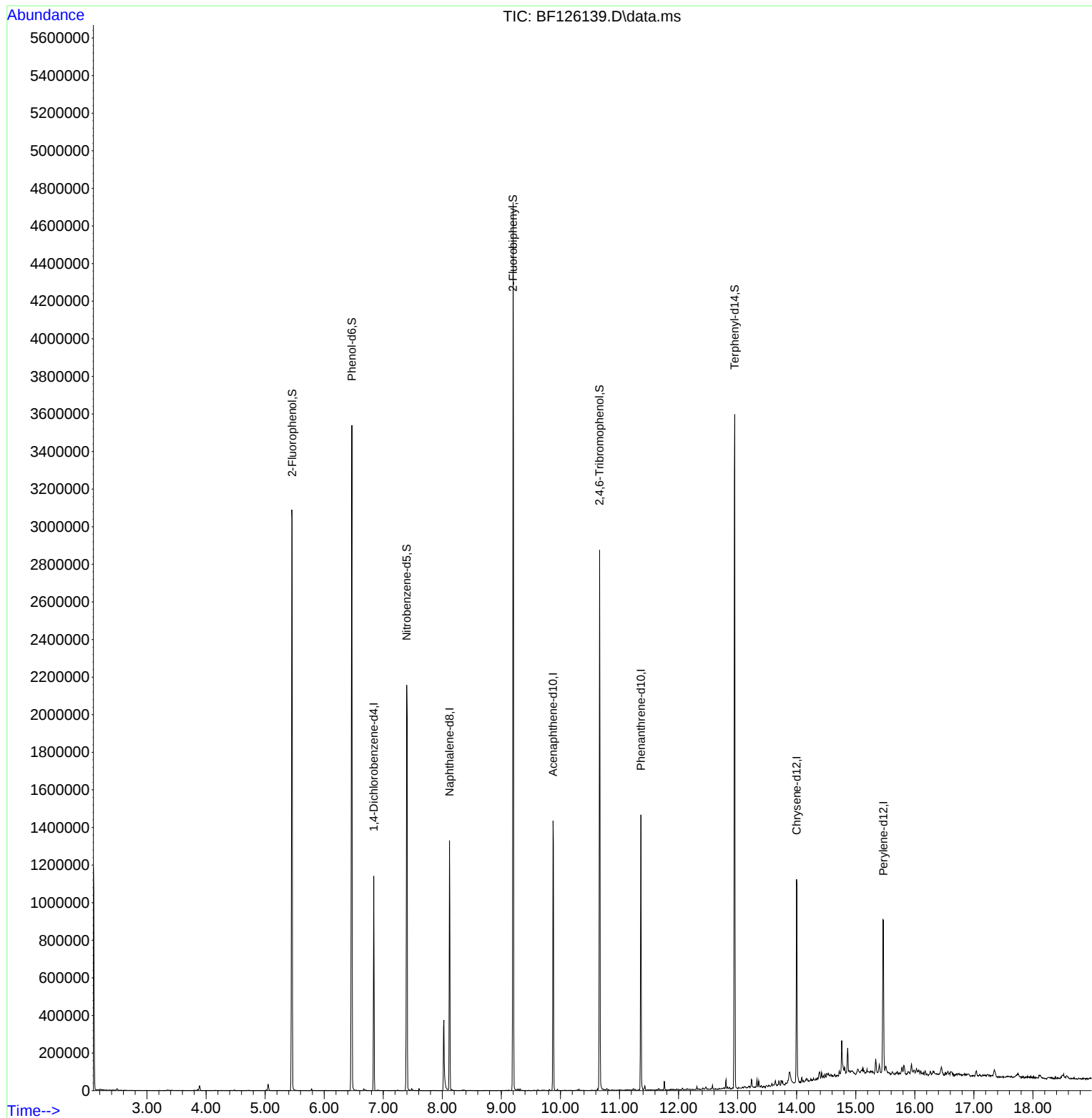
Target Compounds	Qvalue

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

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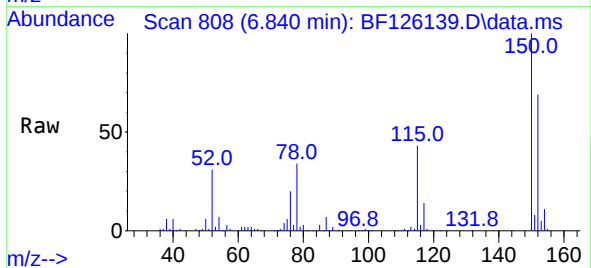
Quant Time: Nov 12 09:44:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
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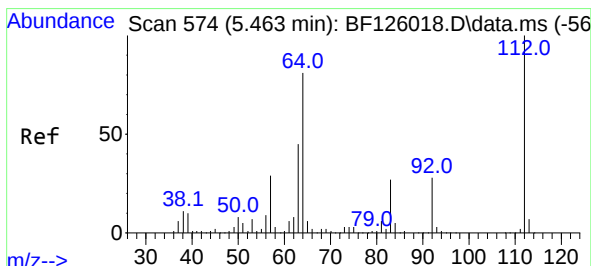
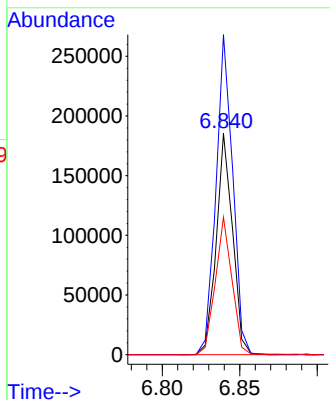
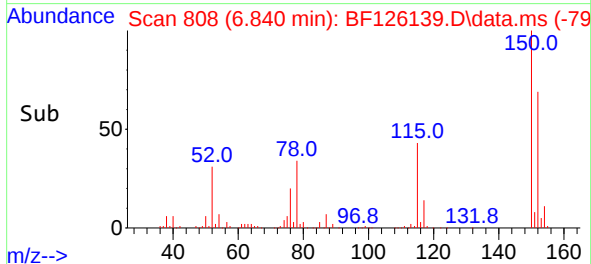


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

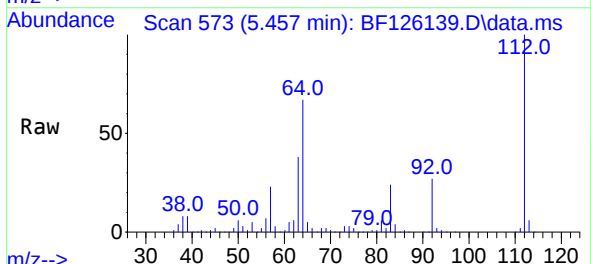
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BNA_F
ClientSampleId :
LAMINGTON-COMP



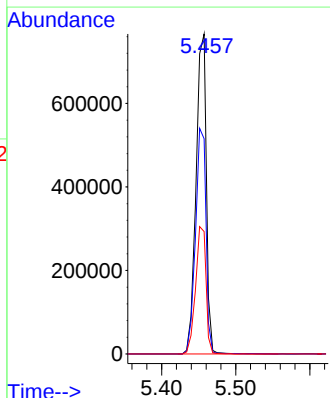
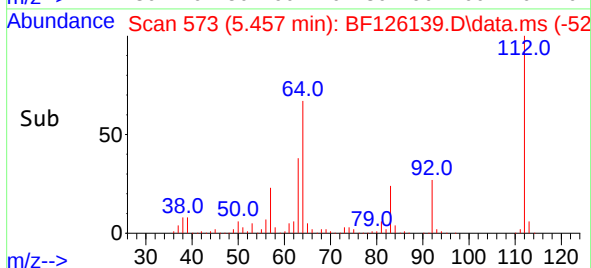
Tgt Ion:152 Resp: 135751
Ion Ratio Lower Upper
152 100
150 144.6 117.6 176.4
115 62.1 47.1 70.7

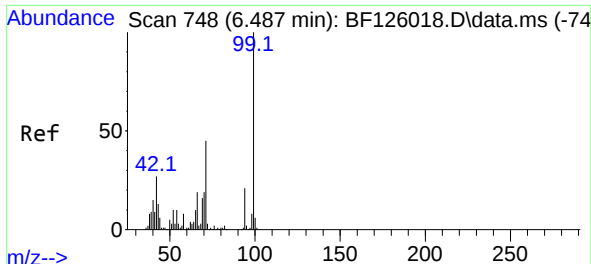


#5
2-Fluorophenol
Concen: 93.312 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31



Tgt Ion:112 Resp: 737629
Ion Ratio Lower Upper
112 100
64 67.2 44.2 66.2#
63 38.3 26.2 39.2

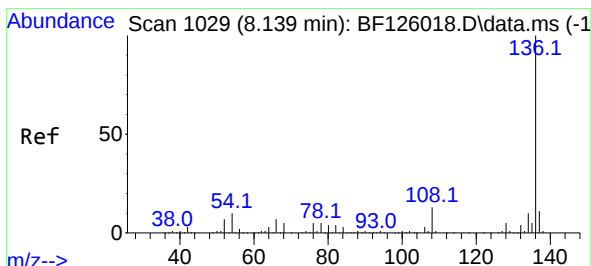
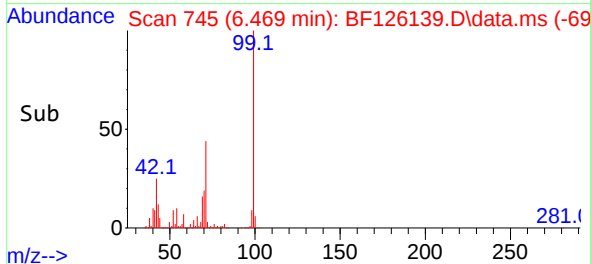
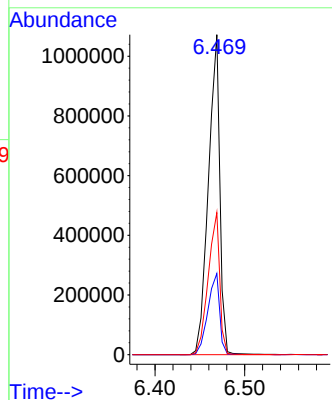
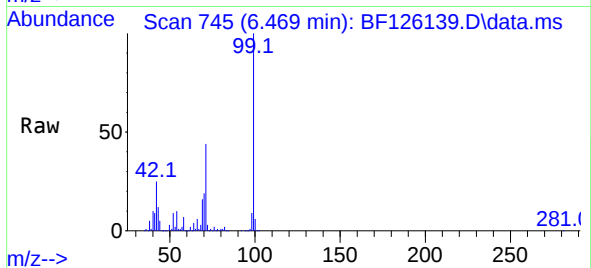




#7
Phenol-d6
Concen: 85.108 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

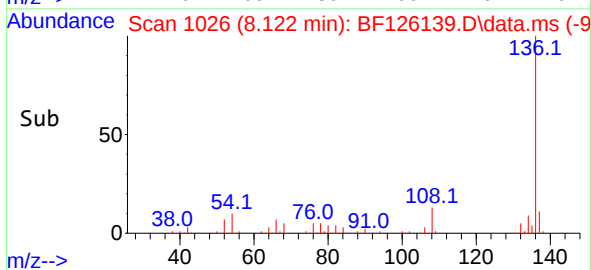
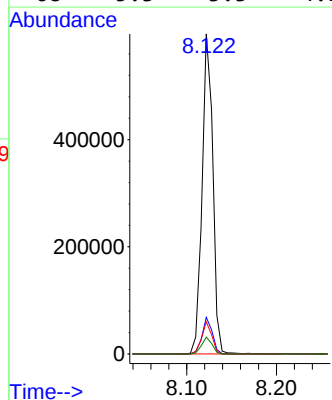
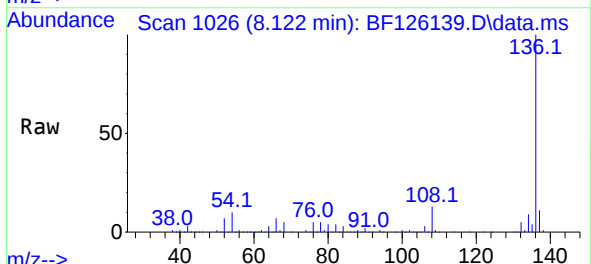
Instrument :
BNA_F
ClientSampleId :
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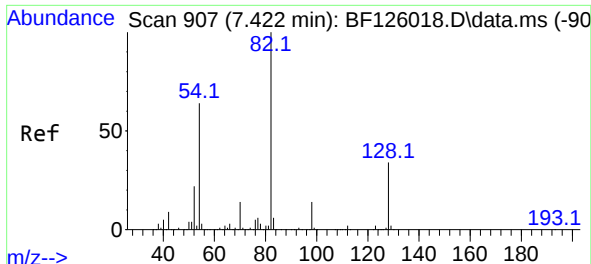
Tgt Ion: 99 Resp: 948396
Ion Ratio Lower Upper
99 100
42 25.3 23.5 35.3
71 44.4 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Tgt Ion: 136 Resp: 496396
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.6
54 10.0 6.4 9.6#
68 5.3 3.3 4.9#

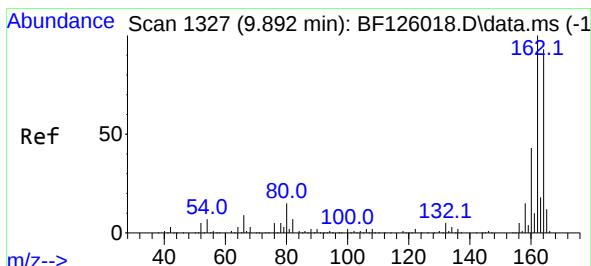
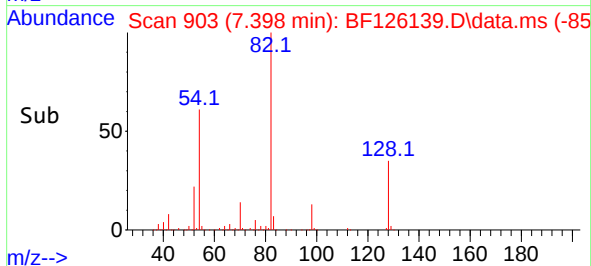
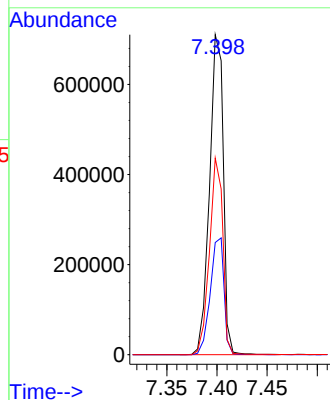
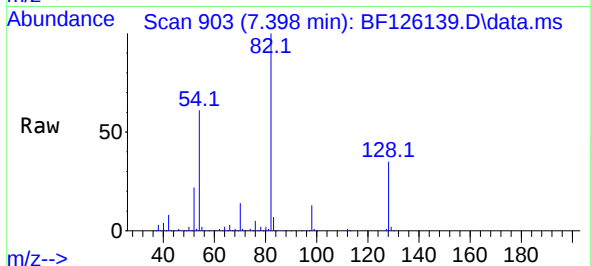




#23
Nitrobenzene-d5
Concen: 64.478 ng
RT: 7.398 min Scan# 907
Delta R.T. -0.024 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

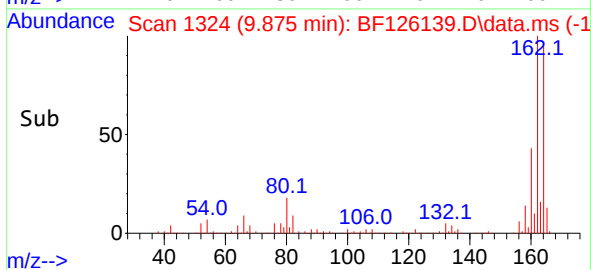
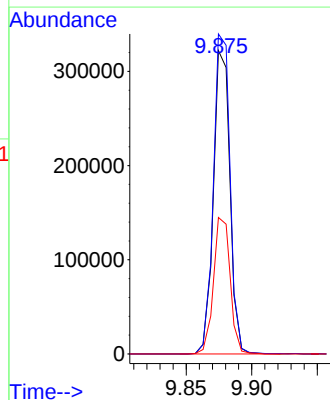
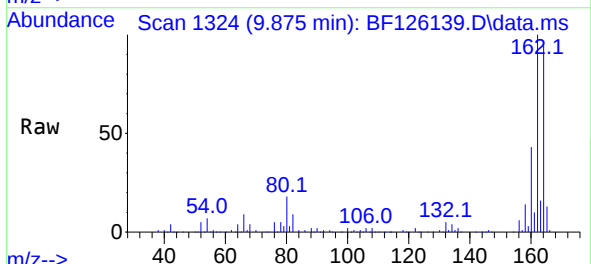
Instrument :
BNA_F
ClientSampleId :
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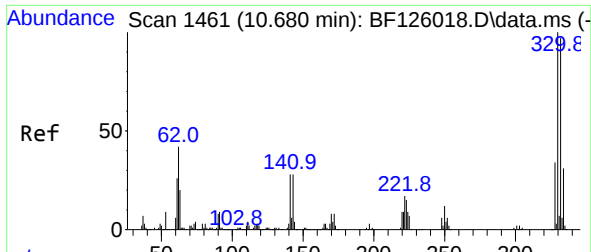
Tgt Ion: 82 Resp: 678680
Ion Ratio Lower Upper
82 100
128 35.0 40.6 60.8#
54 61.5 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.017 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

Tgt Ion:164 Resp: 282450
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 45.0 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 88.752 ng

RT: 10.663 min Scan# 1461

Delta R.T. -0.018 min

Lab File: BF126139.D

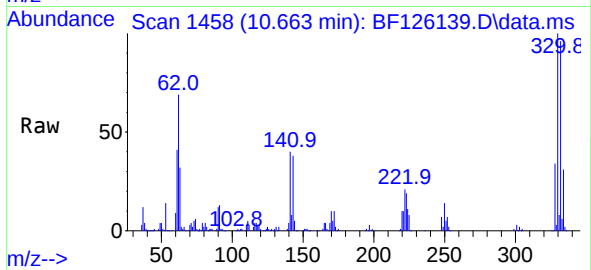
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BNA_F

ClientSampleId :

LAMINGTON-COMP



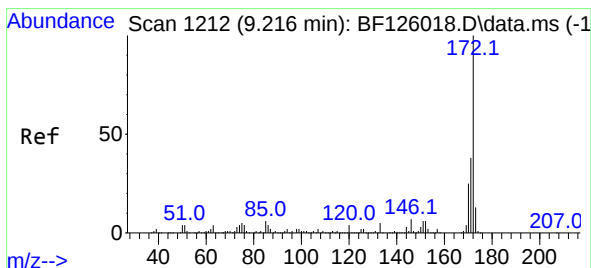
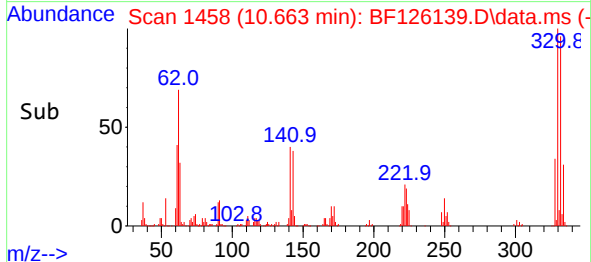
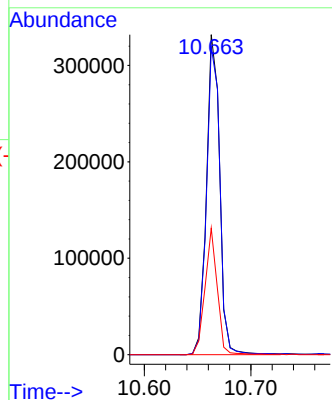
Tgt Ion:330 Resp: 287282

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 36.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 62.474 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.018 min

Lab File: BF126139.D

Acq: 11 Nov 2021 22:31

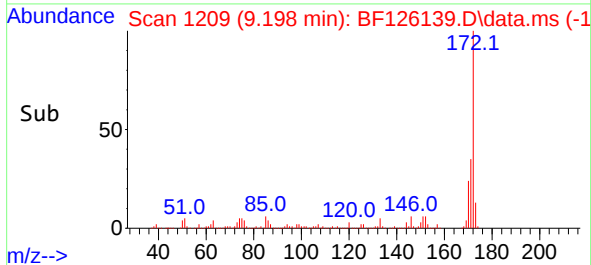
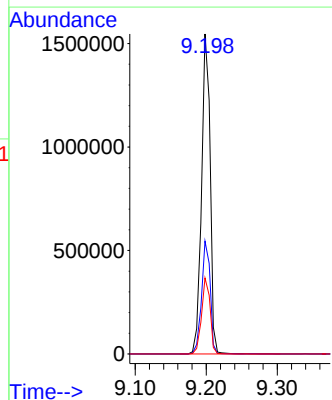
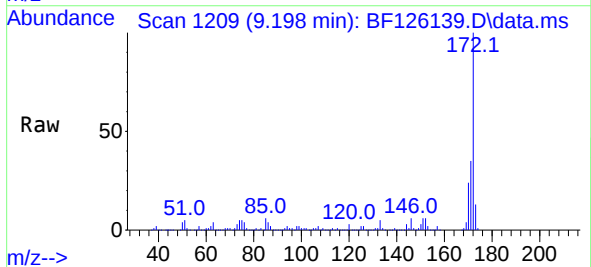
Tgt Ion:172 Resp: 1305785

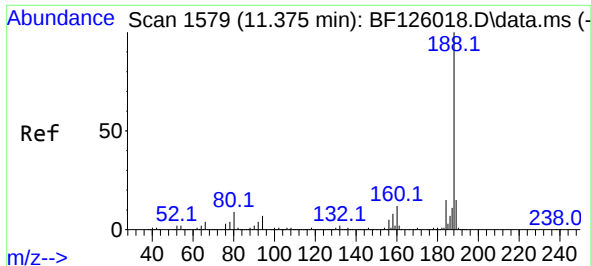
Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.7 18.8 28.2

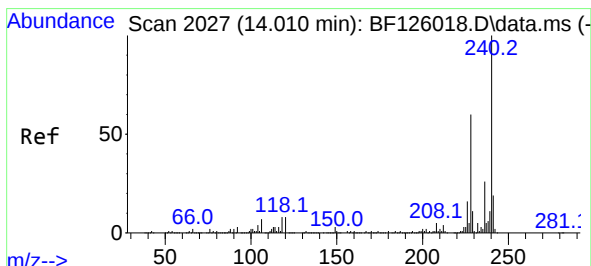
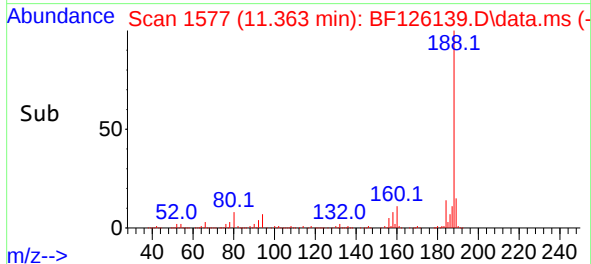
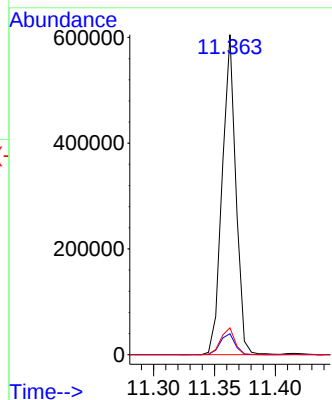
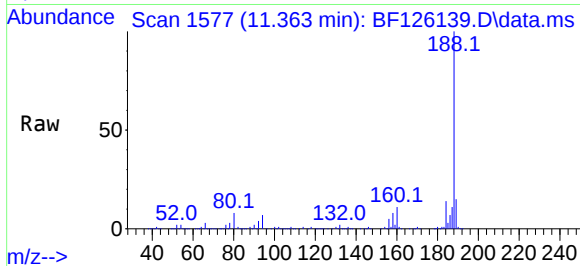




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

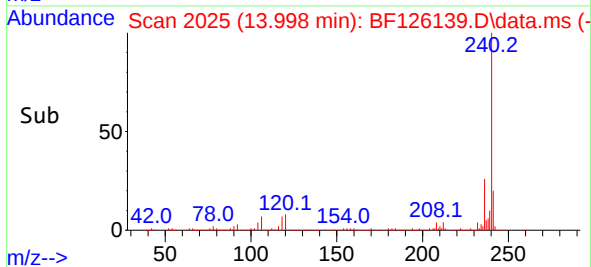
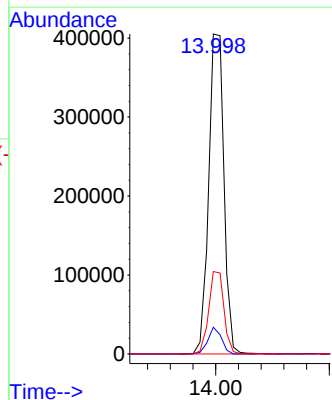
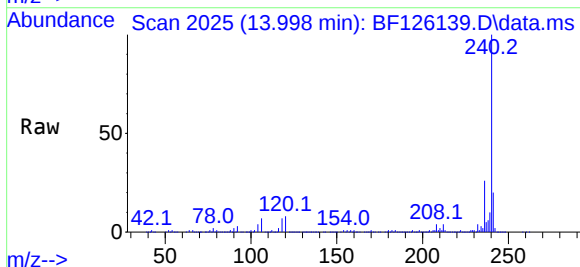
Instrument :
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Tgt Ion:188 Resp: 474367
Ion Ratio Lower Upper
188 100
94 6.6 6.7 10.1#
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF126139.D
Acq: 11 Nov 2021 22:31

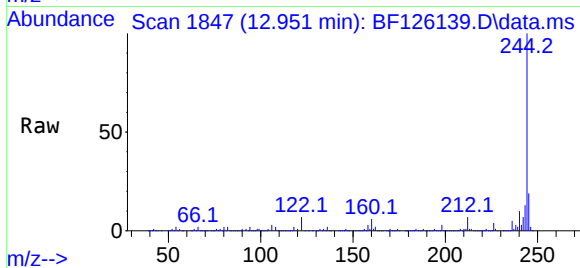
Tgt Ion:240 Resp: 377520
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 25.7 21.6 32.4



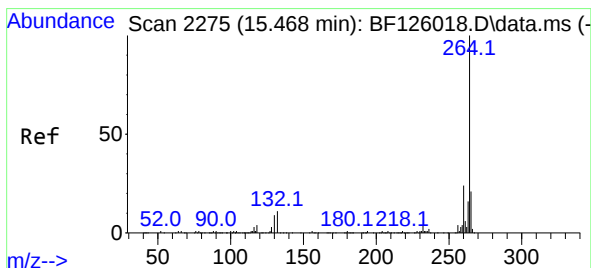
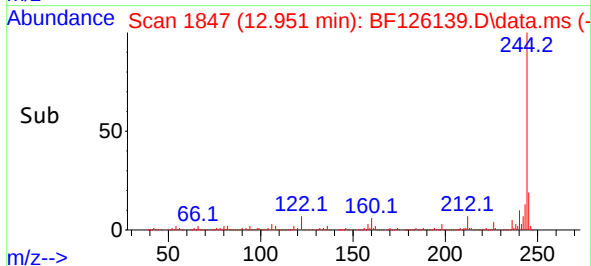
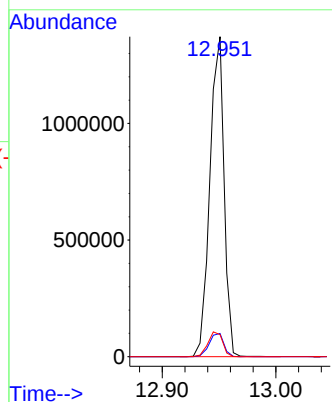


#79
 Terphenyl-d14
 Concen: 50.856 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126139.D
 Acq: 11 Nov 2021 22:31

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1190607
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126139.D
 Acq: 11 Nov 2021 22:31

Tgt Ion:264 Resp: 375709
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.1 17.2 25.8

