

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126529.D
 Acq On : 6 Jan 2022 20:17
 Operator : JU/CG
 Sample : M5196-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-4-DEEP

Quant Time: Jan 07 08:34:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76706	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	293607	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	120544	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	165242	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	166177	20.000	ng	0.00
86) Perylene-d12	15.398	264	179189	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	528178	98.883	ng	0.00
7) Phenol-d6	6.410	99	643432	93.005	ng	-0.01
23) Nitrobenzene-d5	7.339	82	397752	69.559	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	91220	97.928	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	547721	79.957	ng	-0.01
79) Terphenyl-d14	12.892	244	435259	50.890	ng	0.00

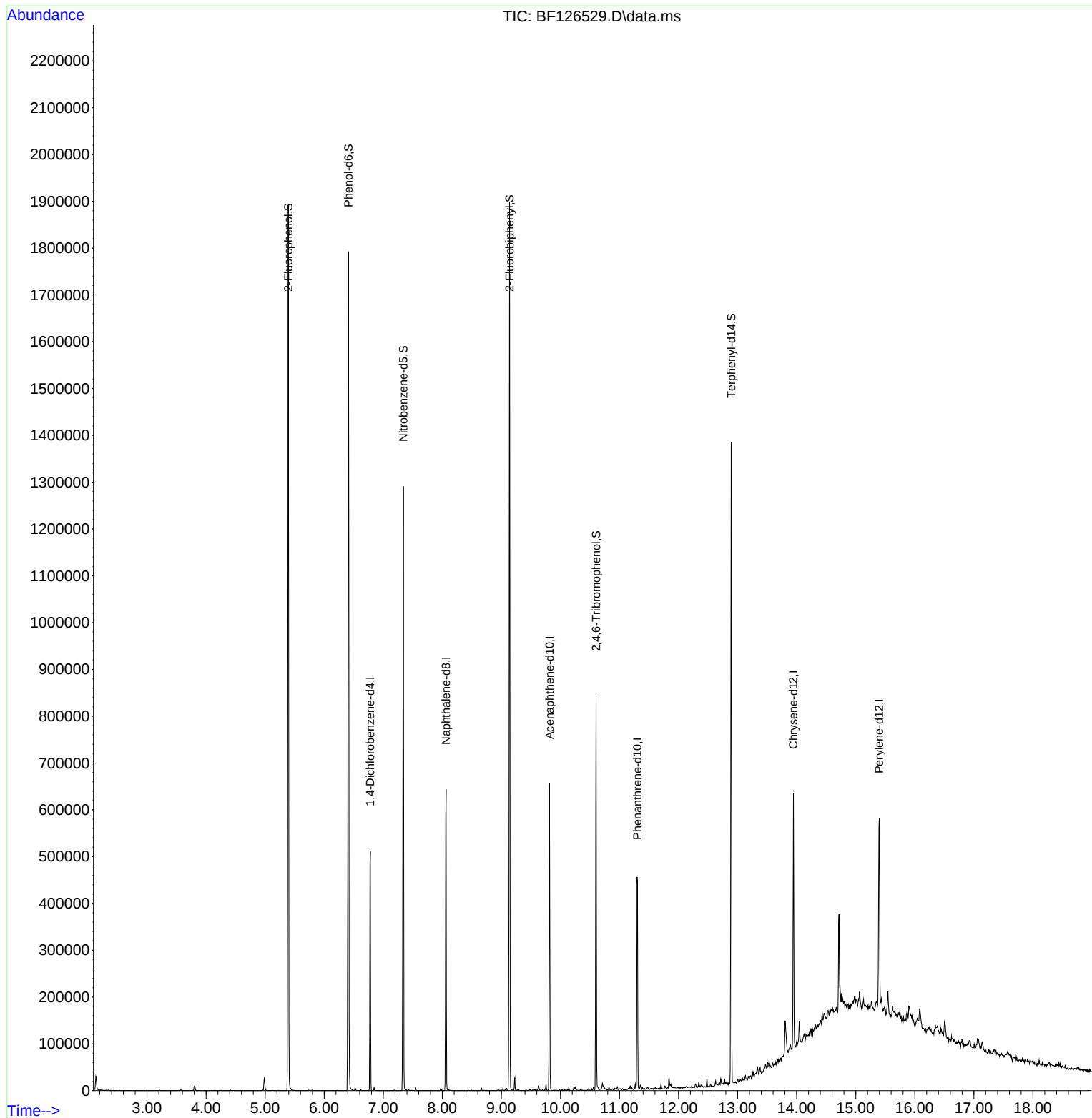
Target Compounds	Qvalue
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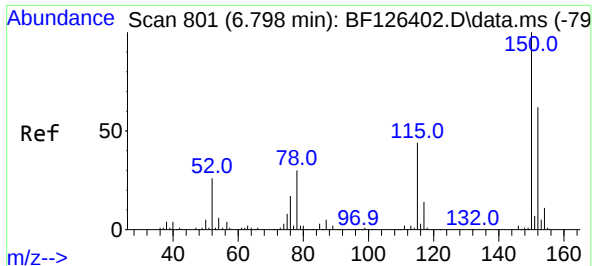
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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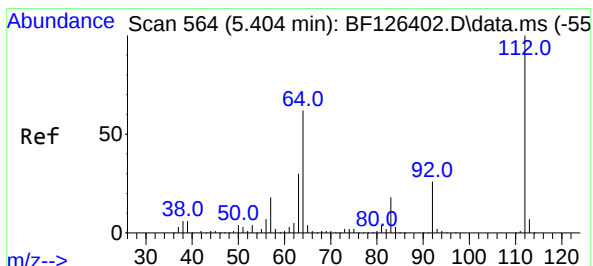
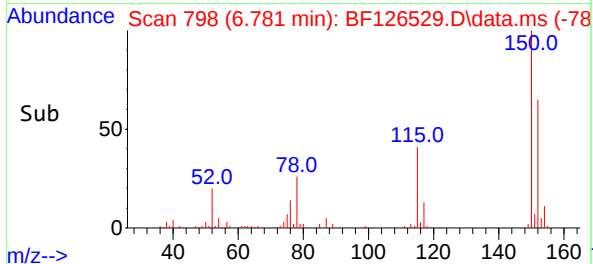
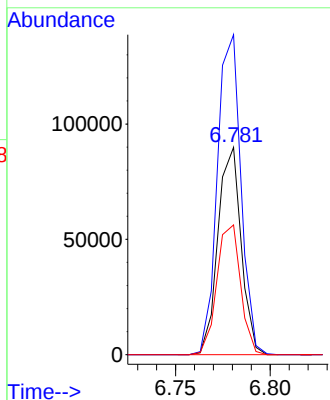
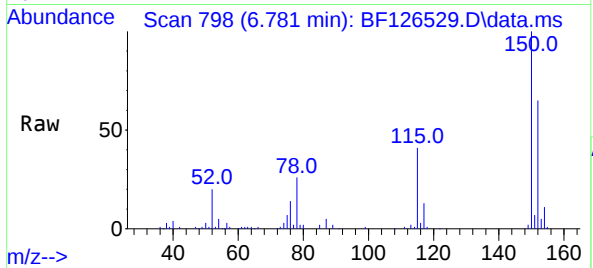




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

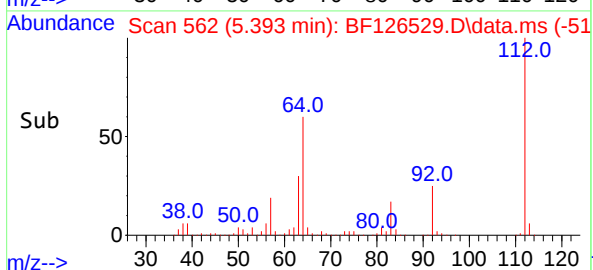
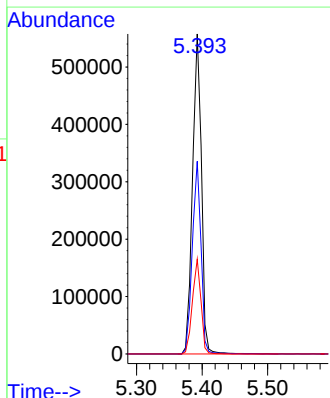
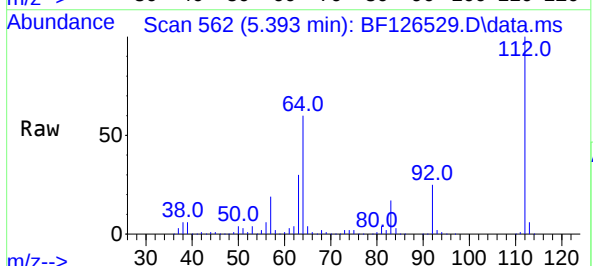
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

Tgt Ion:152 Resp: 76706
Ion Ratio Lower Upper
152 100
150 154.3 128.1 192.1
115 62.6 56.7 85.1

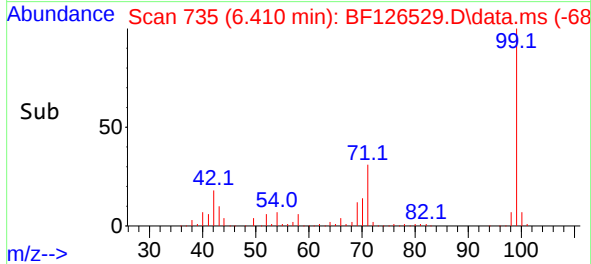
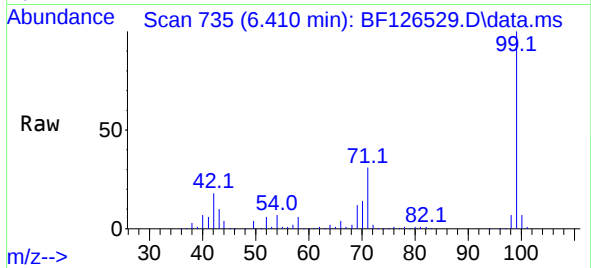
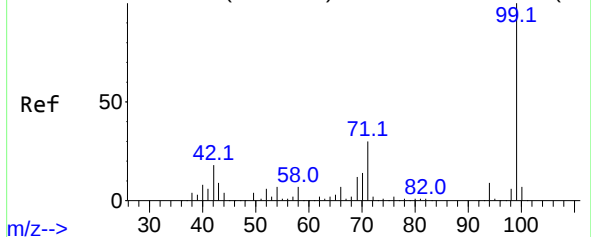


#5
2-Fluorophenol
Concen: 98.883 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion:112 Resp: 528178
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 29.6 23.9 35.9



Abundance Scan 738 (6.428 min): BF126402.D\data.ms (-73



#7

Phenol-d6

Concen: 93.005 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126529.D

Acq: 6 Jan 2022 20:17

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-4-DEEP

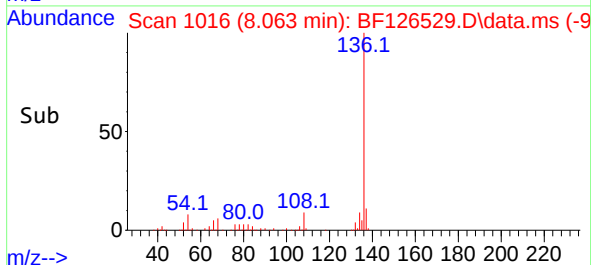
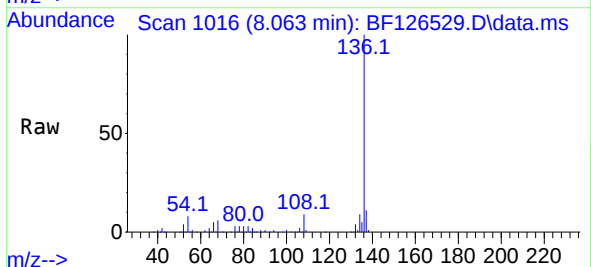
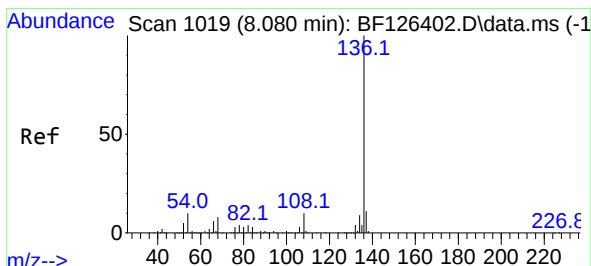
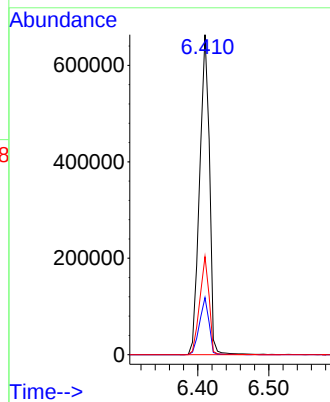
Tgt Ion: 99 Resp: 643432

Ion Ratio Lower Upper

99 100

42 17.9 14.2 21.4

71 30.7 24.3 36.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF126529.D

Acq: 6 Jan 2022 20:17

Tgt Ion:136 Resp: 293607

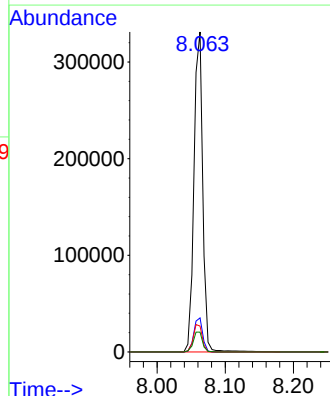
Ion Ratio Lower Upper

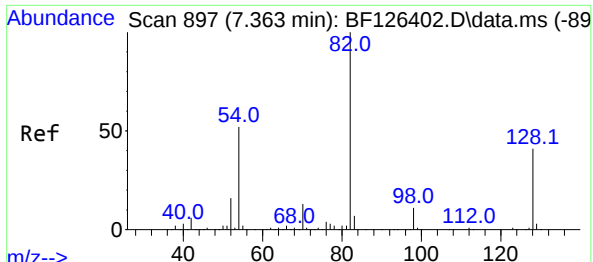
136 100

137 10.7 8.6 13.0

54 8.1 7.8 11.6

68 6.2 6.3 9.5#

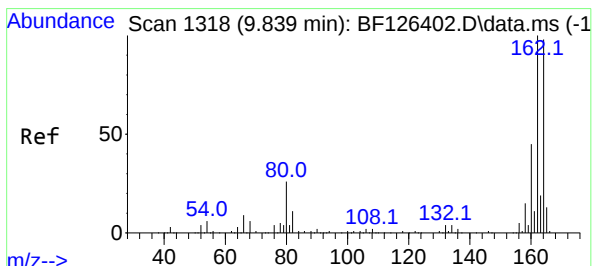
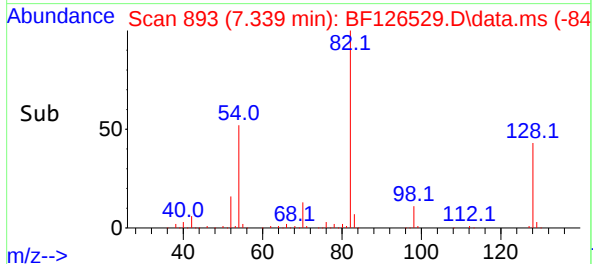
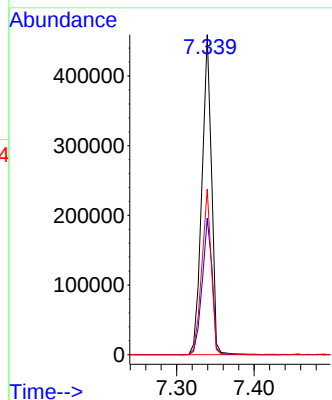
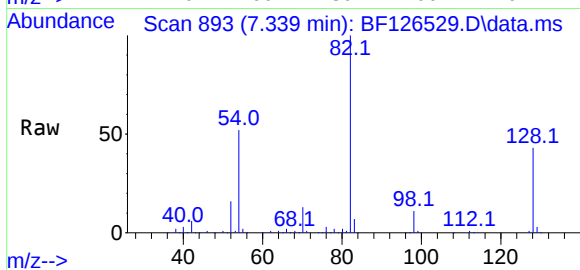




#23
Nitrobenzene-d5
Concen: 69.559 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

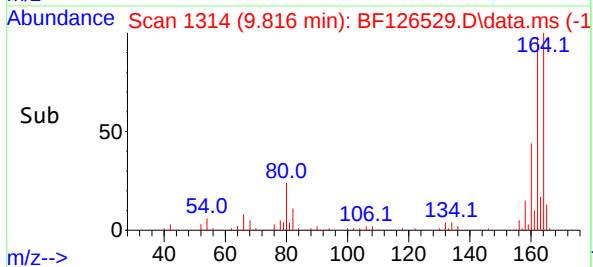
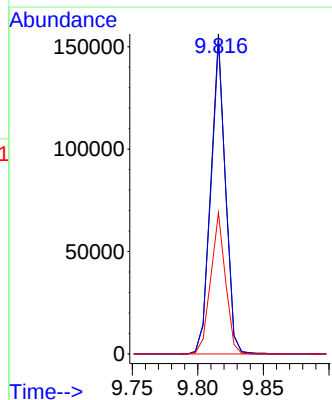
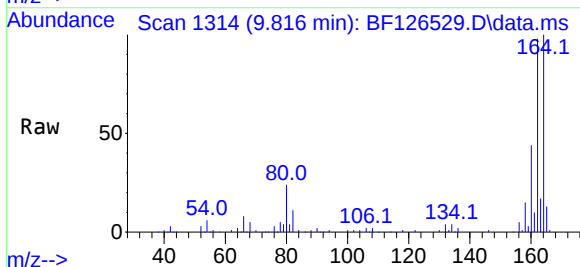
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

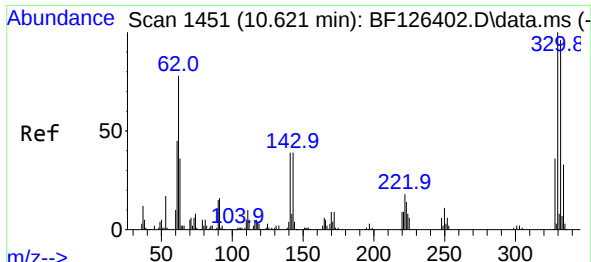
Tgt Ion: 82 Resp: 397752
Ion Ratio Lower Upper
82 100
128 42.6 32.7 49.1
54 51.7 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

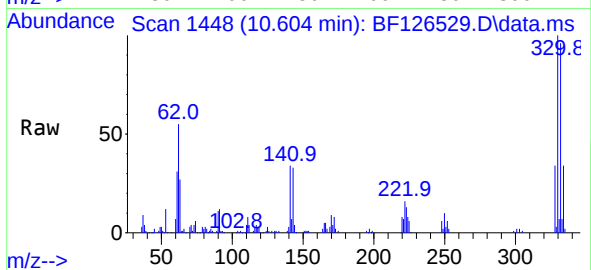
Tgt Ion:164 Resp: 120544
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 44.1 36.6 54.8



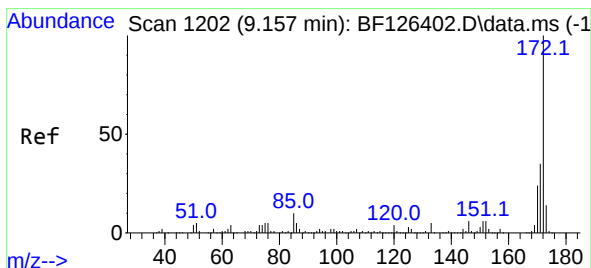
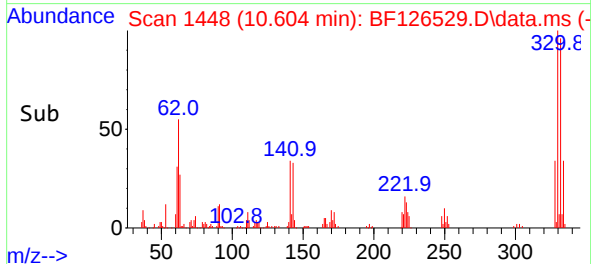
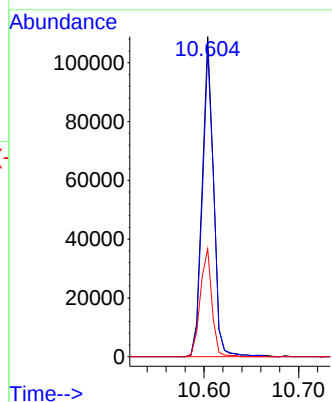


#42
2,4,6-Tribromophenol
Concen: 97.928 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

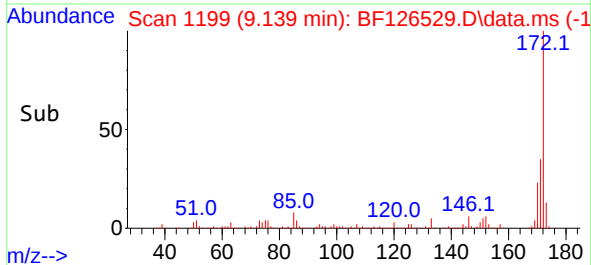
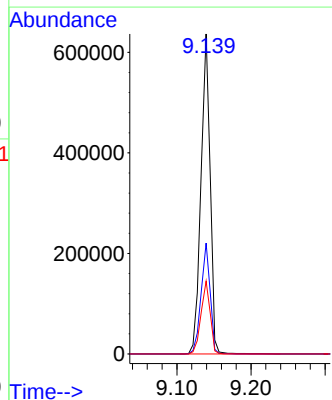
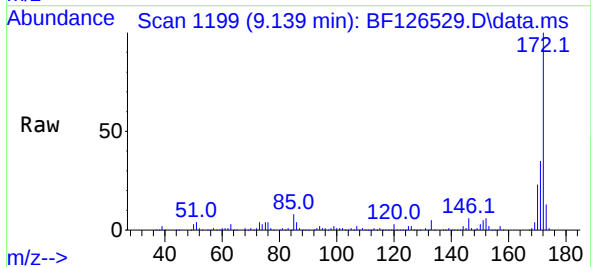


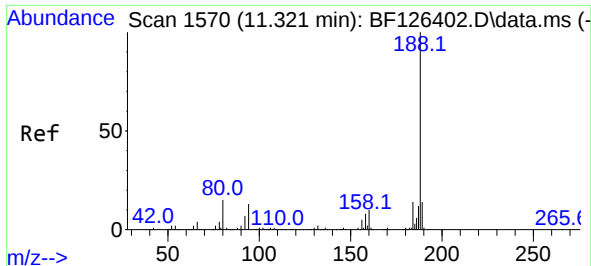
Tgt Ion:330 Resp: 91220
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 34.4 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 79.957 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion:172 Resp: 547721
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.8 19.0 28.6

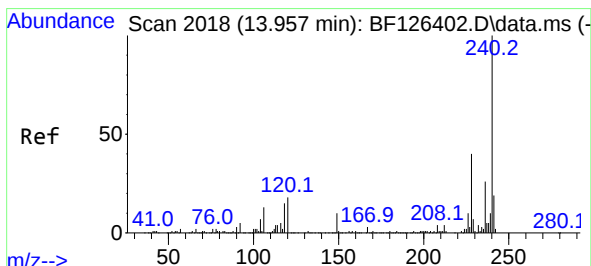
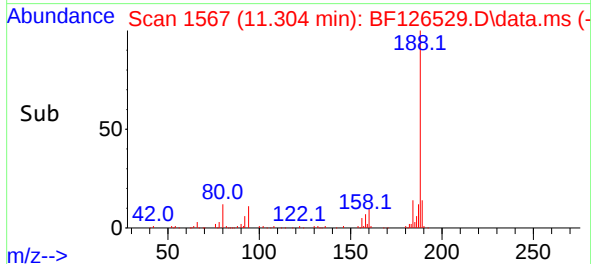
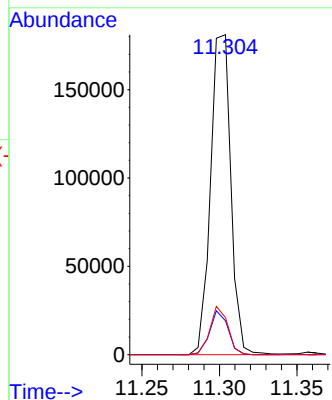
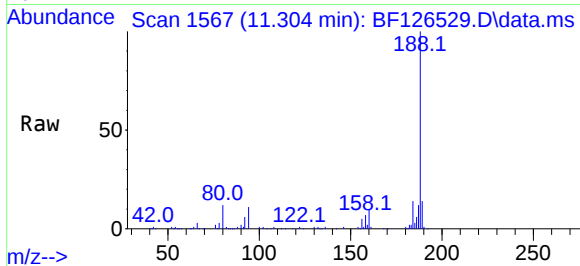




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

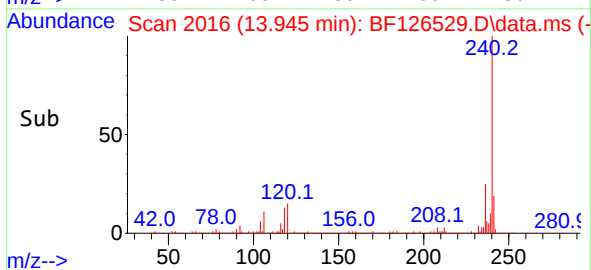
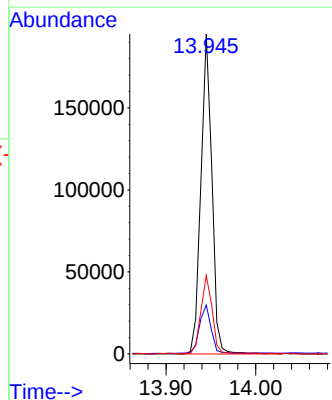
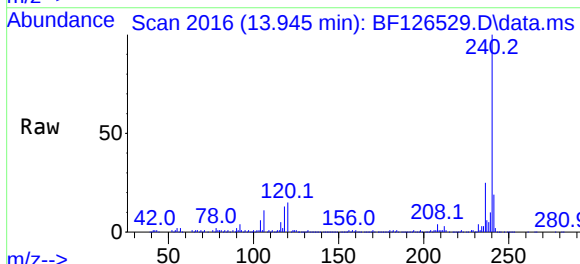
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-4-DEEP

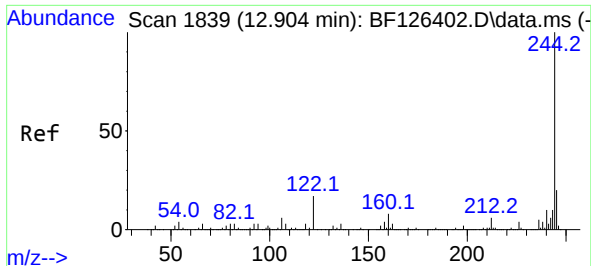
Tgt Ion:188 Resp: 165242
Ion Ratio Lower Upper
188 100
94 10.6 10.1 15.1
80 11.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126529.D
Acq: 6 Jan 2022 20:17

Tgt Ion:240 Resp: 166177
Ion Ratio Lower Upper
240 100
120 15.3 14.4 21.6
236 24.5 20.5 30.7

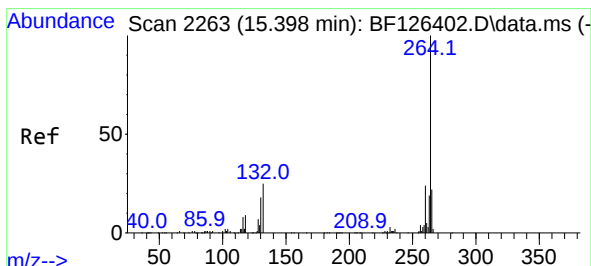
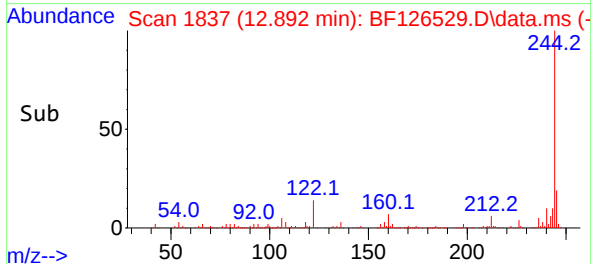
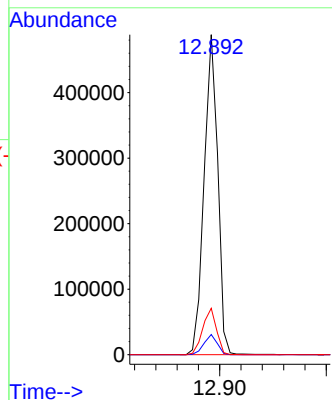
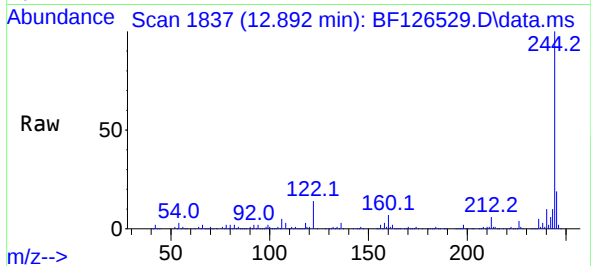




#79
 Terphenyl-d14
 Concen: 50.890 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126529.D
 Acq: 6 Jan 2022 20:17

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-4-DEEP

Tgt Ion:244 Resp: 435259
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 14.5 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF126529.D
 Acq: 6 Jan 2022 20:17

Tgt Ion:264 Resp: 179189
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.2

