

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126214.D
 Acq On : 16 Dec 2021 16:26
 Operator : JU/CG
 Sample : M5073-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-121321

Quant Time: Dec 16 16:54:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

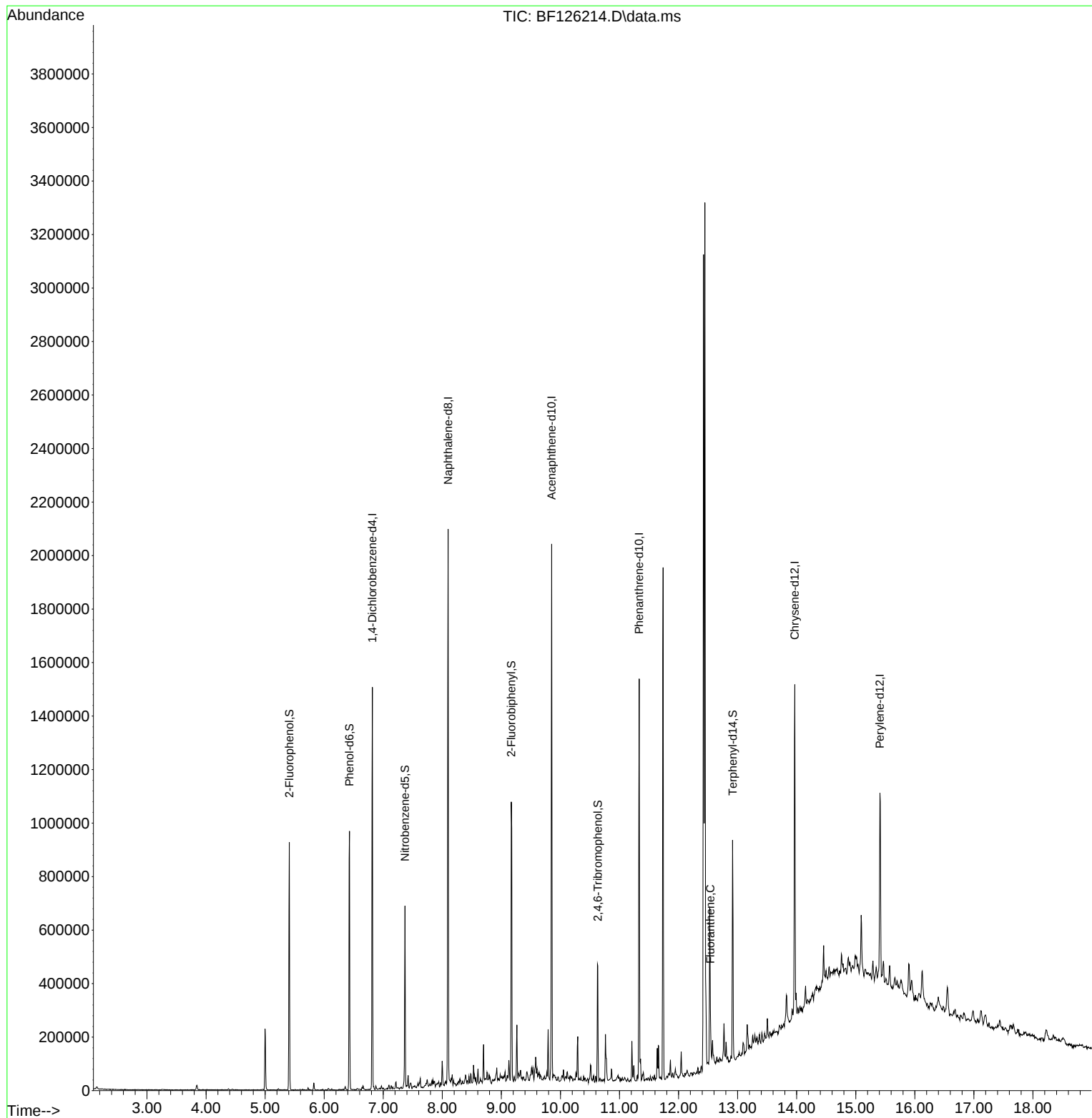
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	196322	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	815142	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	348799	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	483913	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	391243	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	299347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	236154	17.714	ng	-0.01
7) Phenol-d6	6.428	99	310976	18.371	ng	-0.02
23) Nitrobenzene-d5	7.369	82	183509	12.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	44414	15.845	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	304615	15.317	ng	-0.01
79) Terphenyl-d14	12.916	244	226953	10.083	ng	0.00
Target Compounds						
75) Fluoranthene	12.539	202	52429	2.330	ng	Qvalue 88

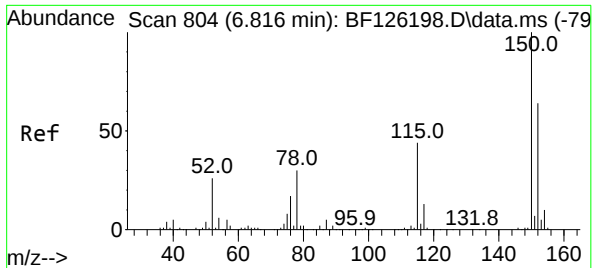
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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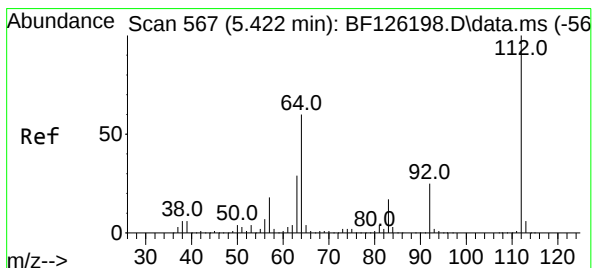
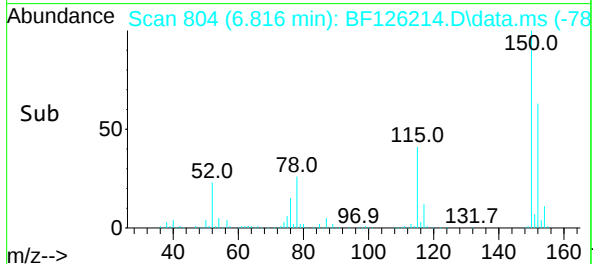
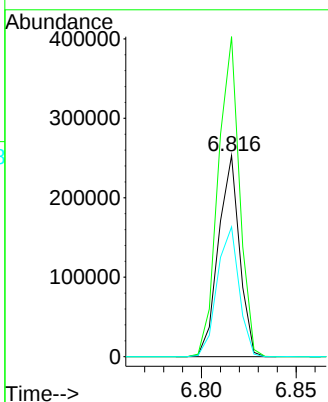
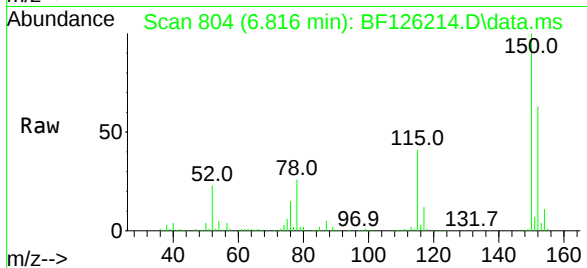




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

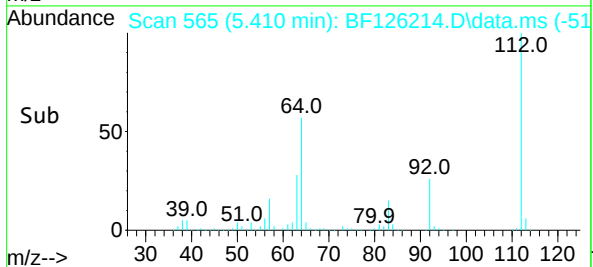
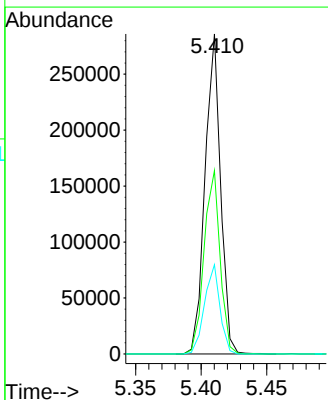
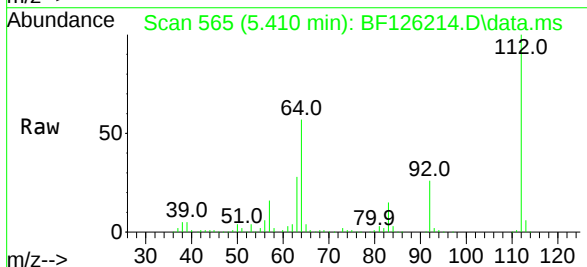
Instrument :
BNA_F
ClientSampleId :
EO-02-121321

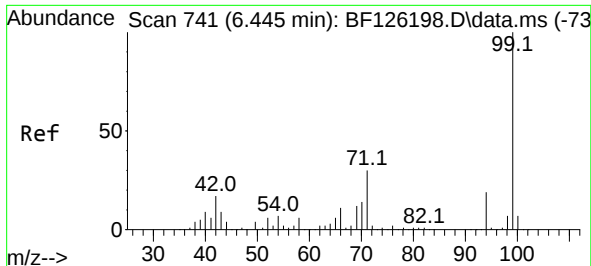
Tgt Ion:152 Resp: 196322
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 17.714 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Tgt Ion:112 Resp: 236154
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 27.9 26.2 39.2

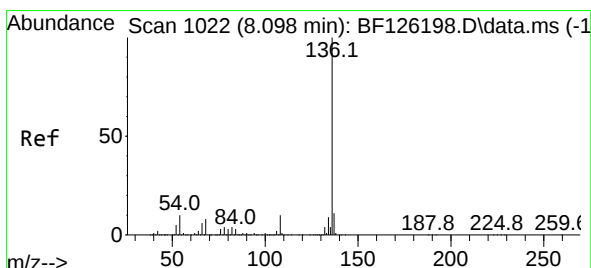
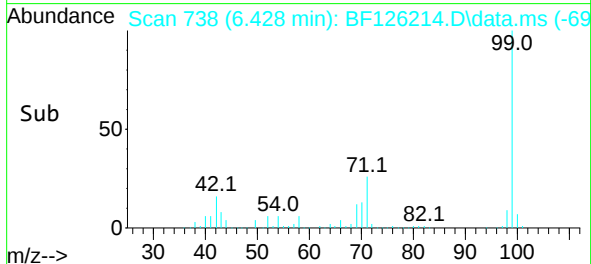
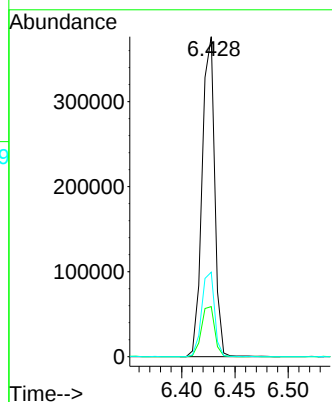
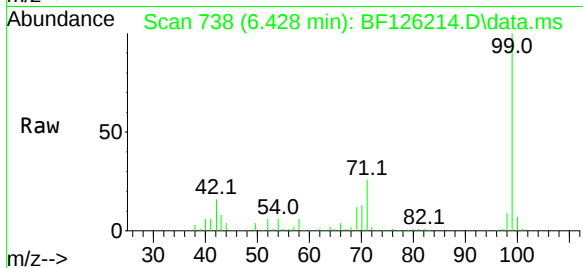




#7
Phenol-d6
Concen: 18.371 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

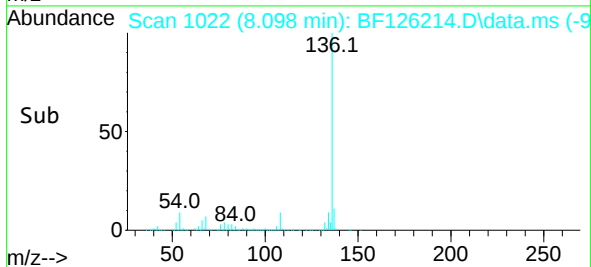
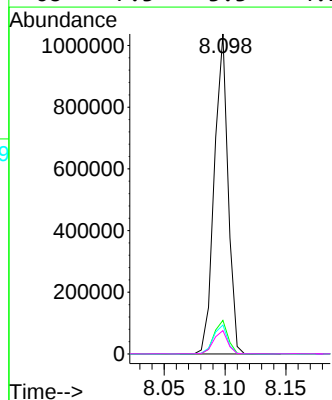
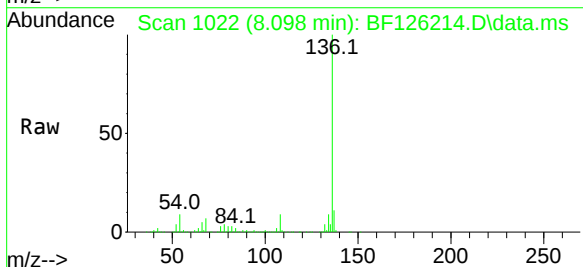
Instrument :
BNA_F
ClientSampleId :
EO-02-121321

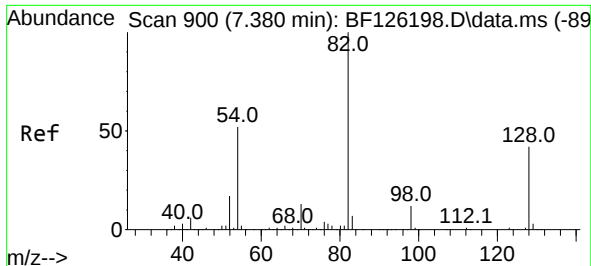
Tgt Ion: 99 Resp: 310976
Ion Ratio Lower Upper
99 100
42 15.7 23.5 35.3#
71 26.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Tgt Ion: 136 Resp: 815142
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.1 6.4 9.6
68 7.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 12.193 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Instrument :

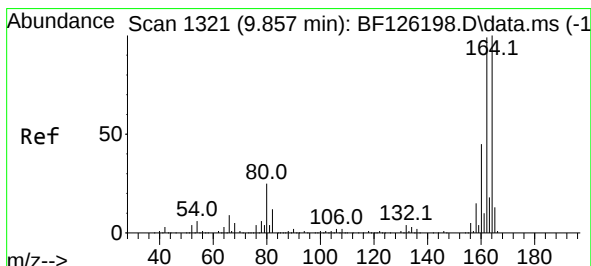
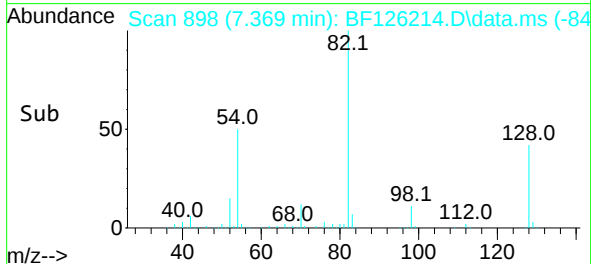
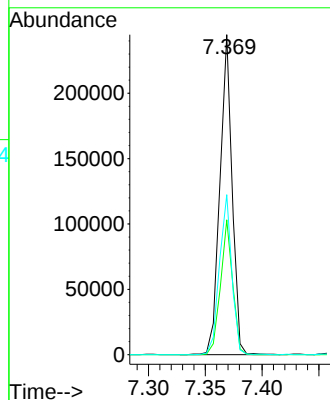
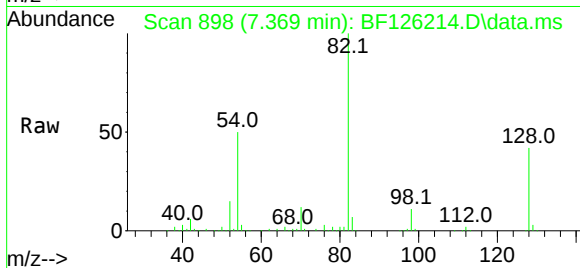
BNA_F

ClientSampleId :

EO-02-121321

Tgt Ion: 82 Resp: 183509

Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	50.0	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

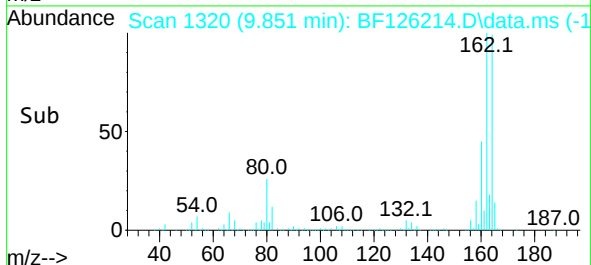
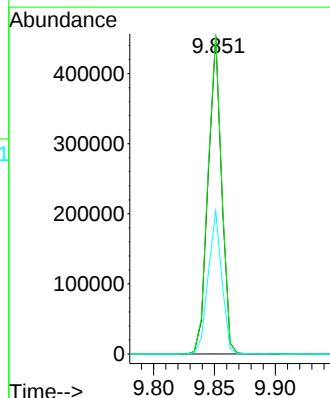
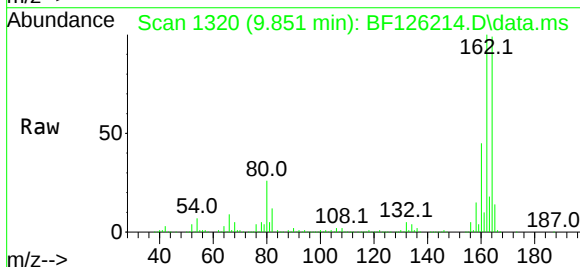
Delta R.T. -0.006 min

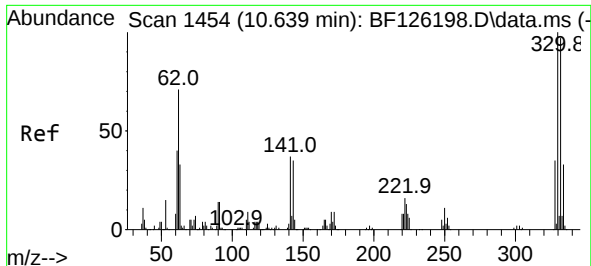
Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Tgt Ion: 164 Resp: 348799

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	45.0	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 15.845 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF126214.D

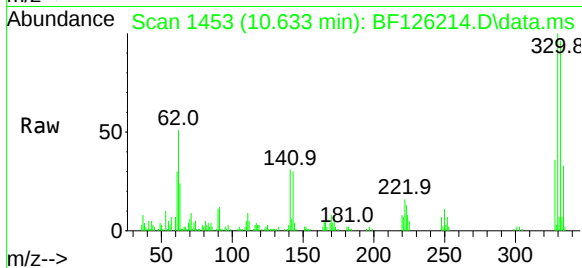
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Instrument :

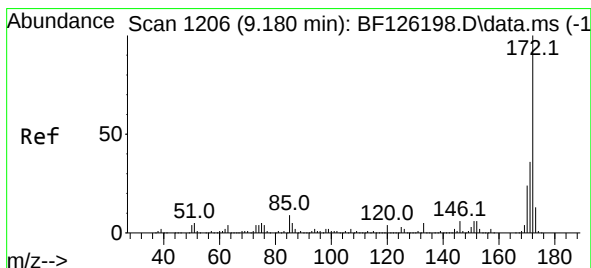
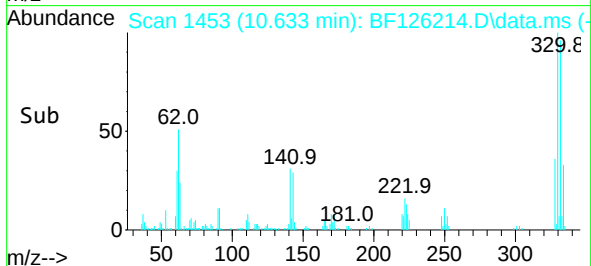
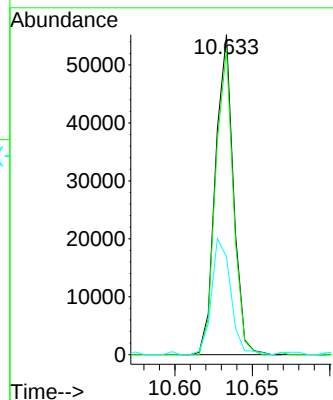
BNA_F

ClientSampleId :

EO-02-121321



Tgt Ion:	330	Resp:	44414
Ion Ratio	Lower	Upper	
330	100		
332	94.0	76.2	114.4
141	39.0	44.6	66.8#



#45

2-Fluorobiphenyl

Concen: 15.317 ng

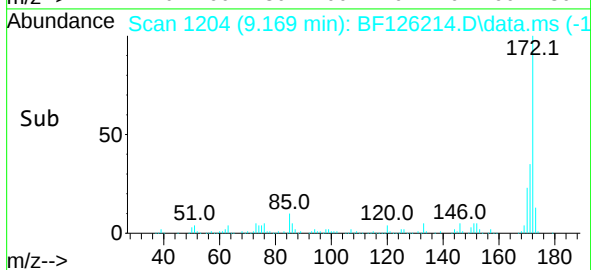
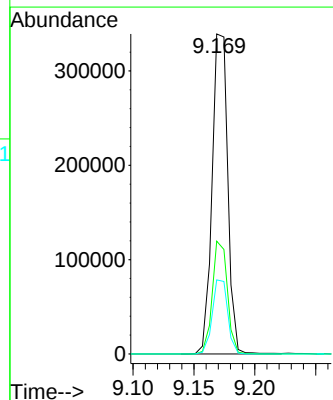
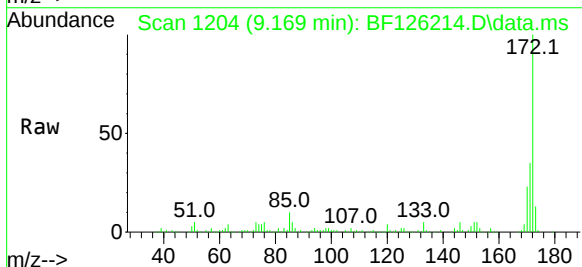
RT: 9.169 min Scan# 1204

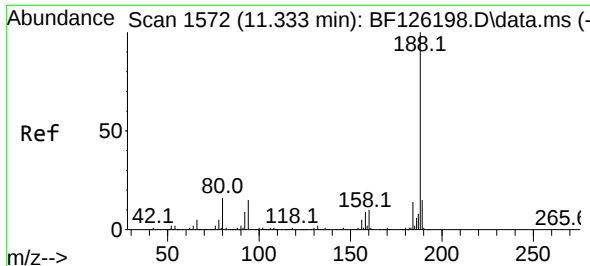
Delta R.T. -0.012 min

Lab File: BF126214.D

Acq: 16 Dec 2021 16:26

Tgt Ion:	172	Resp:	304615
Ion Ratio	Lower	Upper	
172	100		
171	35.2	26.5	39.7
170	23.1	18.8	28.2

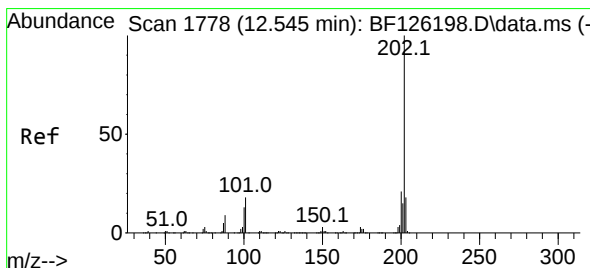
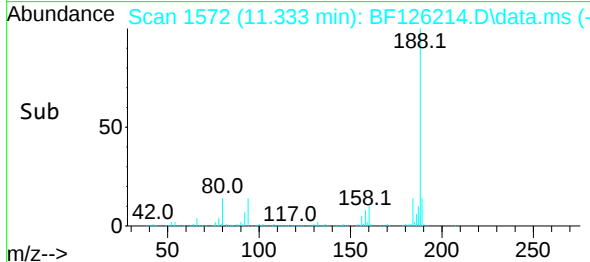
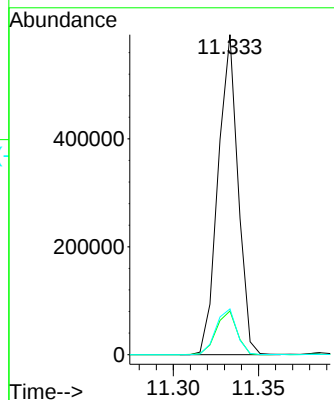
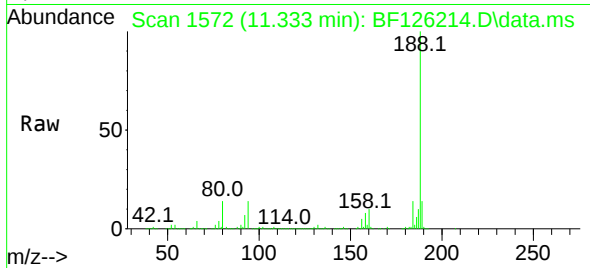




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

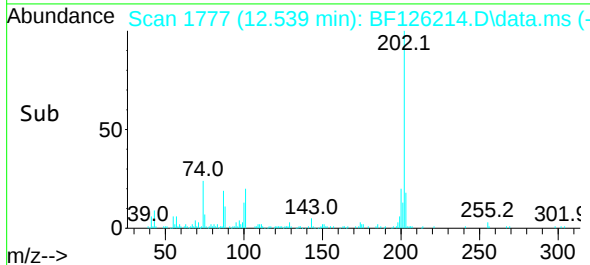
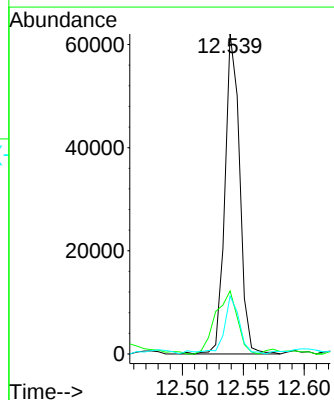
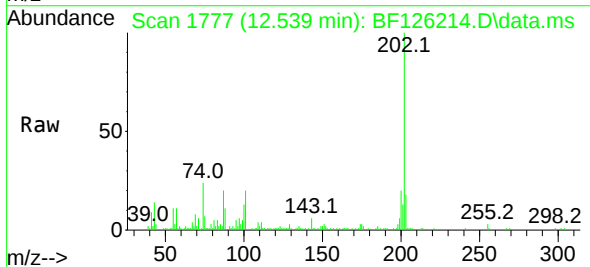
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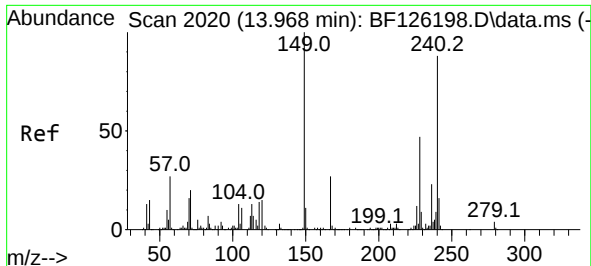
Tgt Ion:188 Resp: 483913
Ion Ratio Lower Upper
188 100
94 13.7 6.7 10.1#
80 14.3 7.5 11.3#



#75
Fluoranthene
Concen: 2.330 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Tgt Ion:202 Resp: 52429
Ion Ratio Lower Upper
202 100
101 19.7 0.0 30.7
203 18.1 0.0 36.3

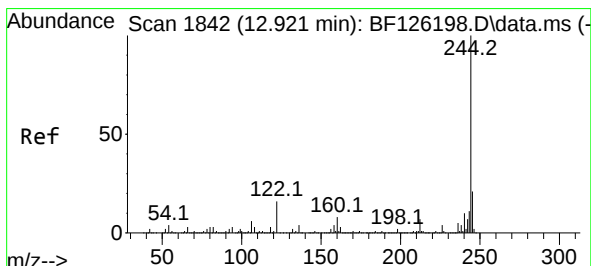
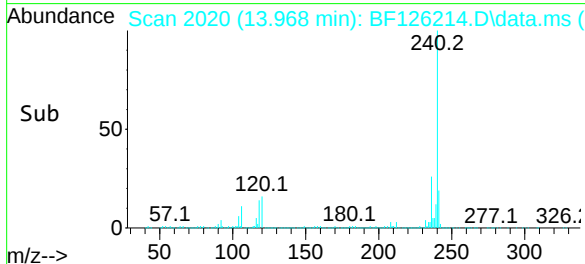
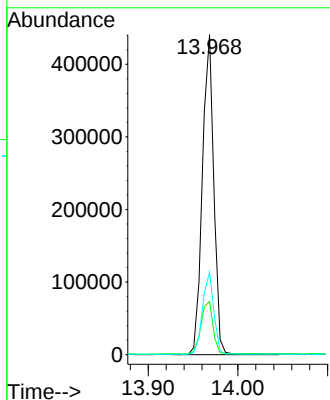
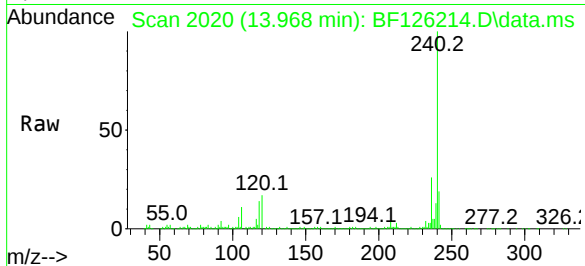




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

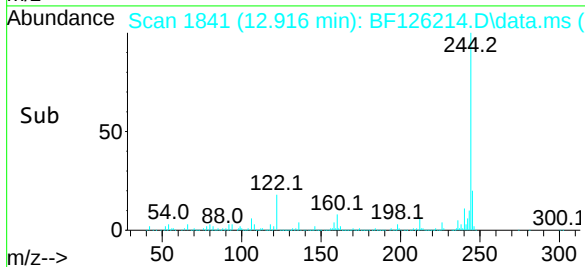
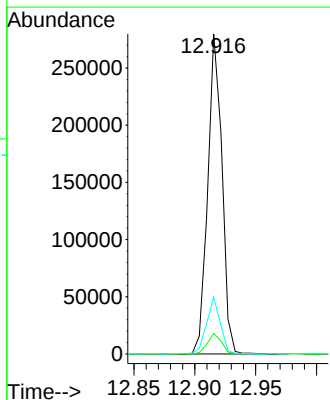
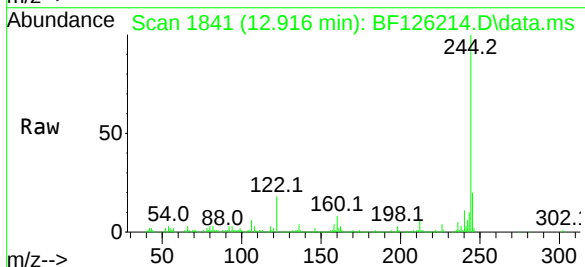
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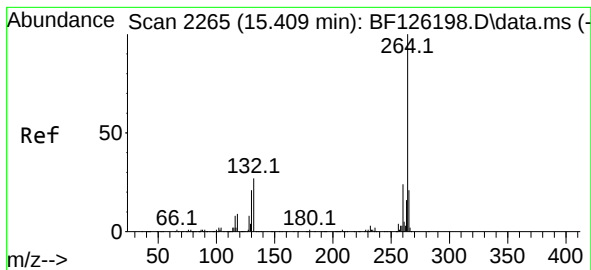
Tgt Ion:240 Resp: 391243
Ion Ratio Lower Upper
240 100
120 16.6 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 10.083 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF126214.D
Acq: 16 Dec 2021 16:26

Tgt Ion:244 Resp: 226953
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 17.8 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126214.D

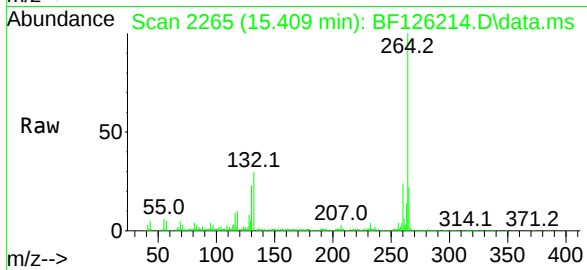
Acq: 16 Dec 2021 16:26

Instrument :

BNA_F

ClientSampleId :

EO-02-121321



Tgt Ion:264 Resp: 299347

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.0 17.2 25.8

