

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124814.D
 Acq On : 28 Jul 2021 2:31
 Operator : JU/CG
 Sample : M3183-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201-RBR-200036

Quant Time: Jul 28 03:09:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

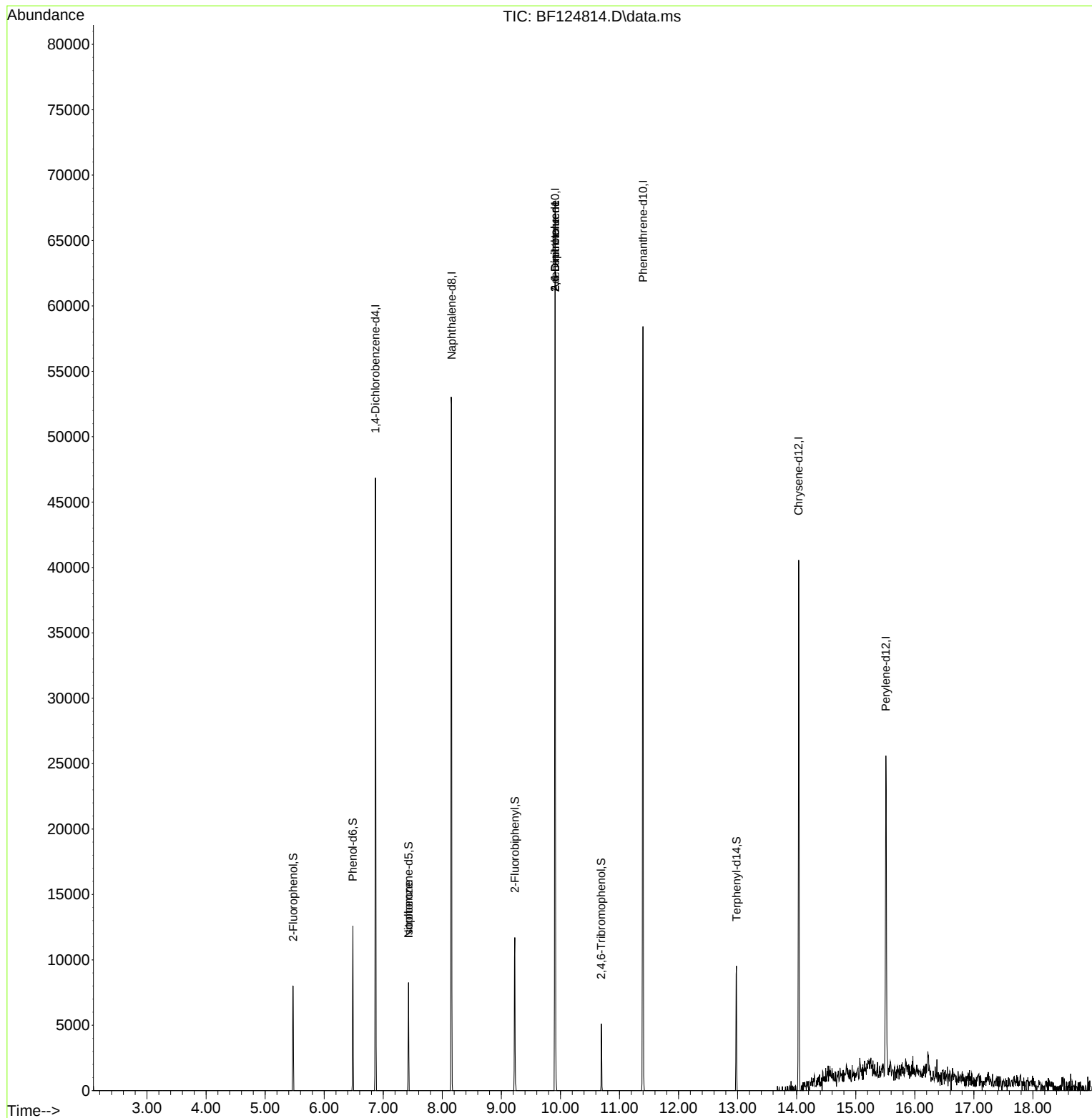
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6692	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	24515	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	13096	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	22499	20.00	ng	0.00
76) Chrysene-d12	14.033	240	15207	20.00	ng	0.00
86) Perylene-d12	15.509	264	12325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2845	7.20	ng	0.00
7) Phenol-d6	6.487	99	3760	7.59	ng	-0.01
23) Nitrobenzene-d5	7.428	82	2349	5.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	847	7.53	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	5204	5.84	ng	0.00
79) Terphenyl-d14	12.980	244	4899	5.52	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.428	82	2349	3.23	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1790	8.99	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1790	6.62	ng	# 18

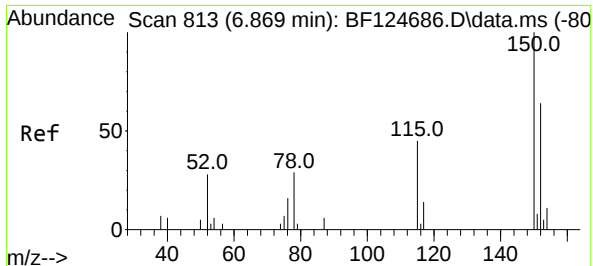
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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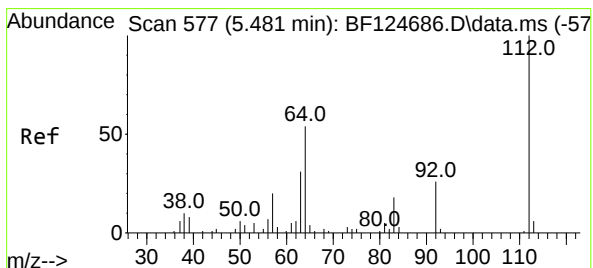
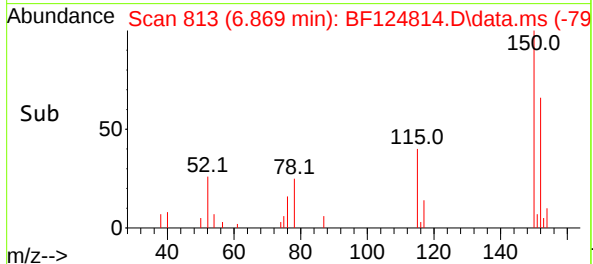
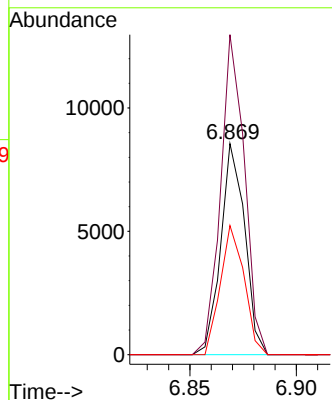
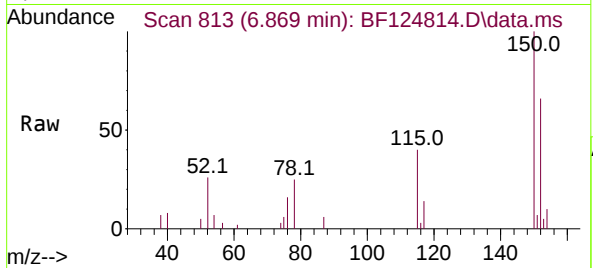




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

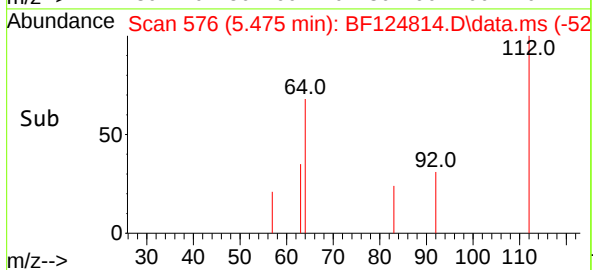
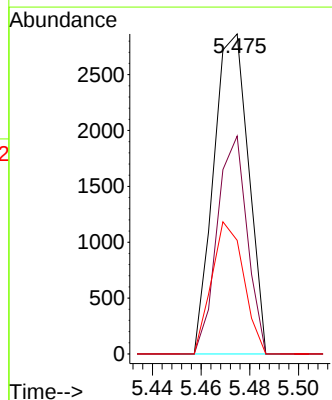
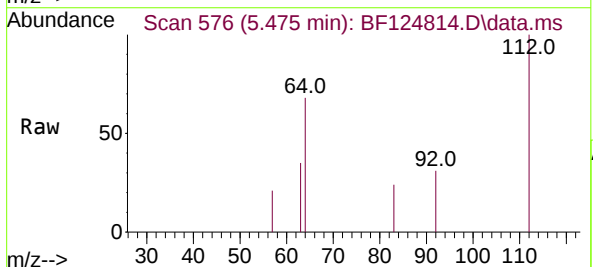
Instrument :
BNA_F
ClientSampleId :
VNJ-201-RBR-200036

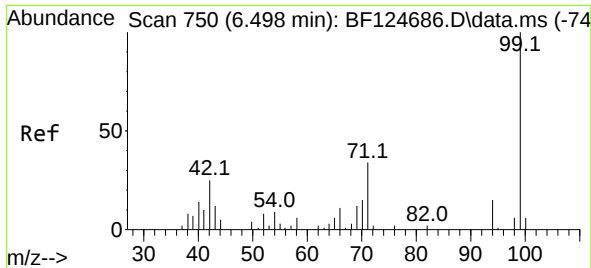
Tgt Ion:152 Resp: 6692
Ion Ratio Lower Upper
152 100
150 151.6 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 7.20 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion:112 Resp: 2845
Ion Ratio Lower Upper
112 100
64 68.1 44.2 66.2#
63 35.5 26.2 39.2

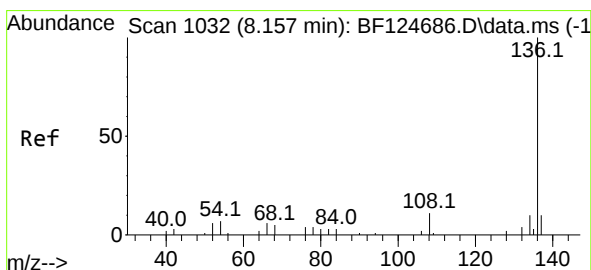
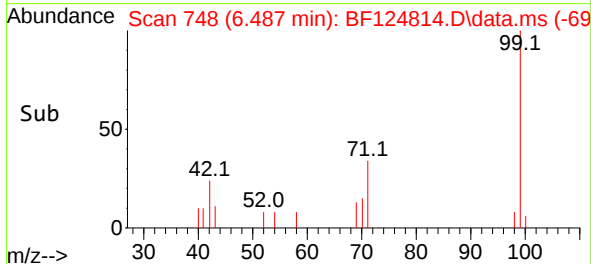
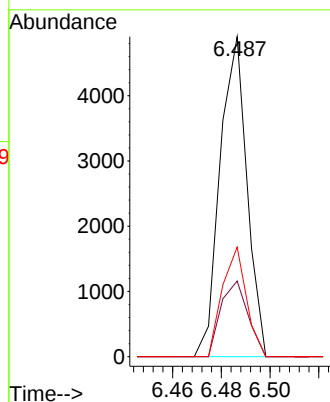
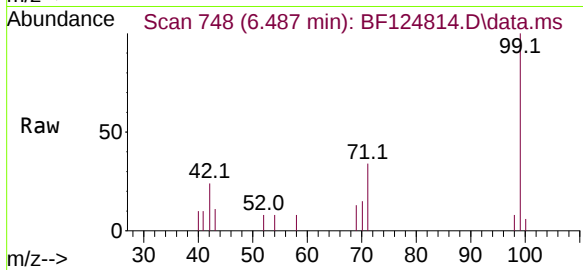




#7
Phenol-d6
Concen: 7.59 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

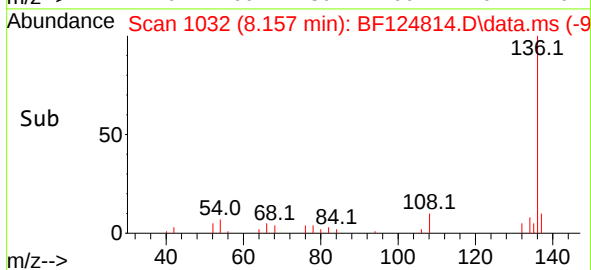
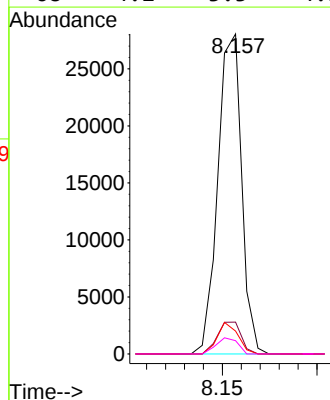
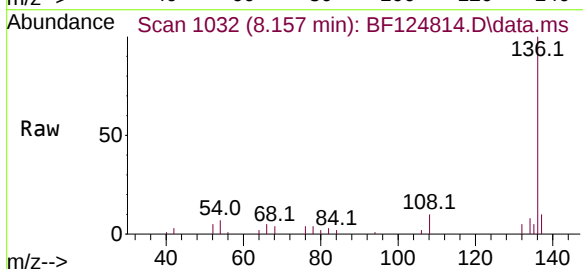
Instrument :
BNA_F
ClientSampleId :
VNJ-201-RBR-200036

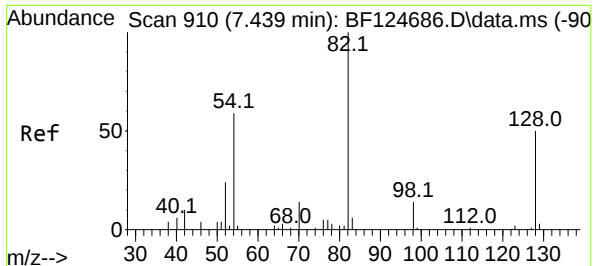
Tgt Ion: 99	Resp: 3760
Ion Ratio	Lower Upper
99 100	
42 23.7	23.5 35.3
71 34.3	25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion: 136	Resp: 24515
Ion Ratio	Lower Upper
136 100	
137 9.9	9.8 14.6
54 7.1	6.4 9.6
68 4.2	3.3 4.9





#23

Nitrobenzene-d5

Concen: 5.70 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124814.D

Acq: 28 Jul 2021 2:31

Tgt Ion: 82 Resp: 2349

Ion Ratio Lower Upper

82 100

128 44.3 40.6 60.8

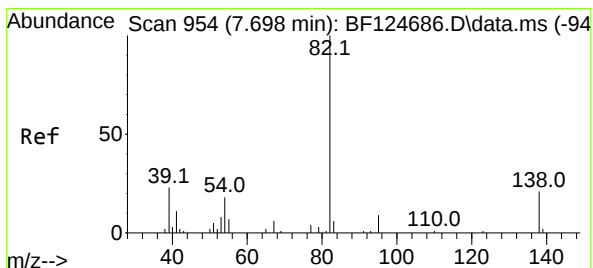
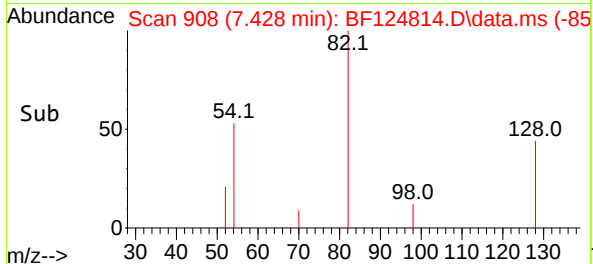
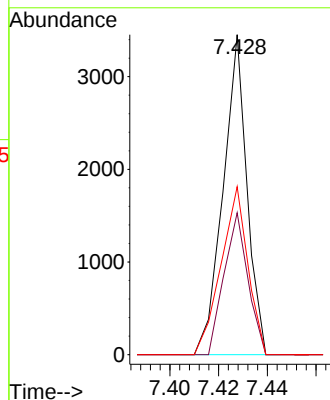
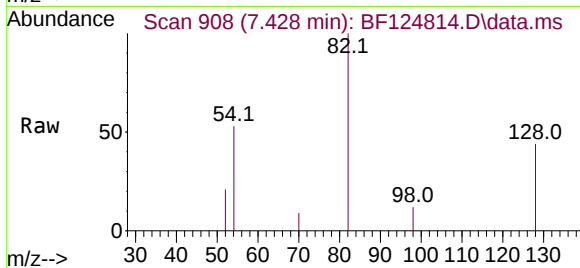
54 52.5 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

VNJ-201-RBR-200036



#25

Isophorone

Concen: 3.23 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

Lab File: BF124814.D

Acq: 28 Jul 2021 2:31

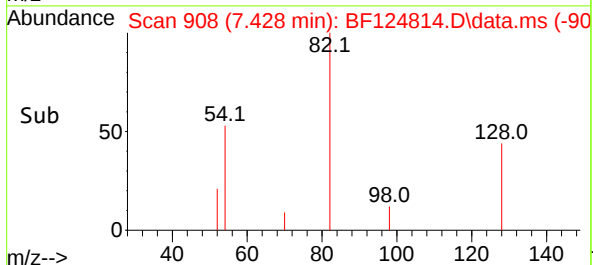
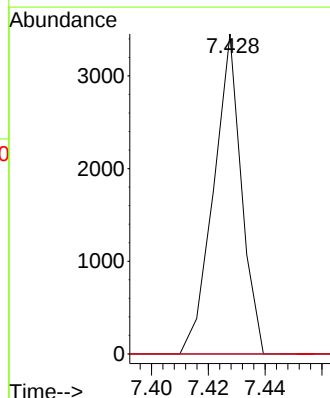
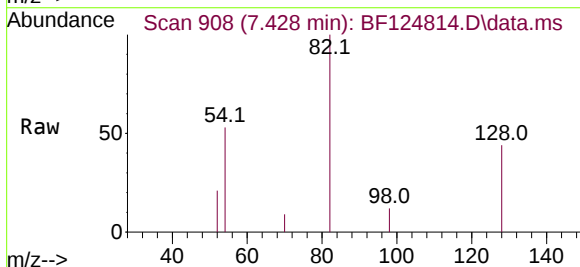
Tgt Ion: 82 Resp: 2349

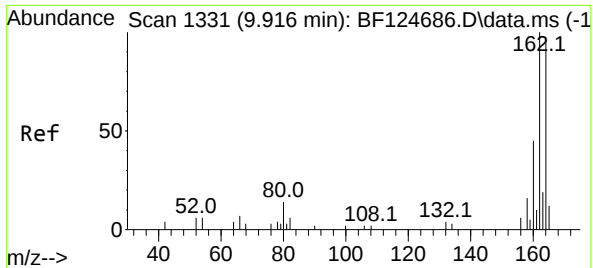
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

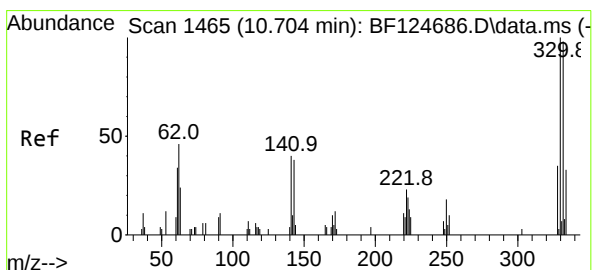
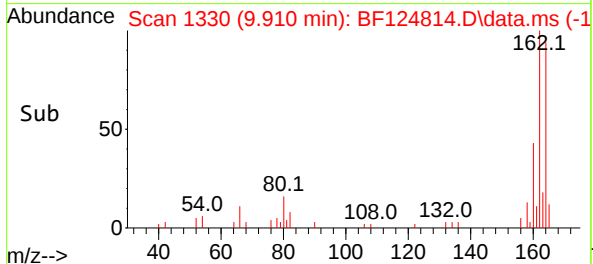
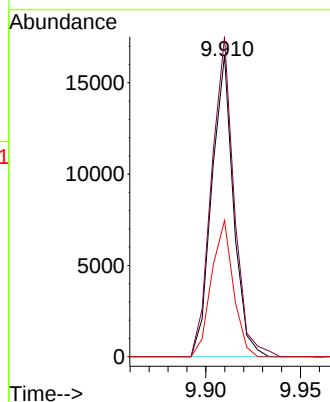
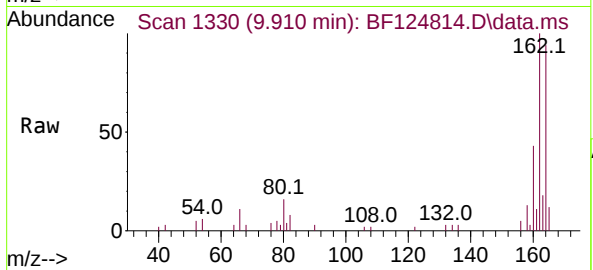




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

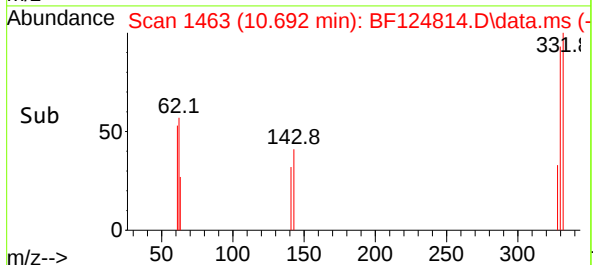
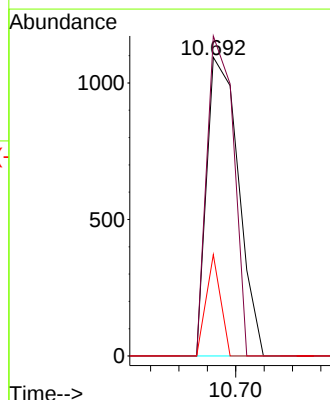
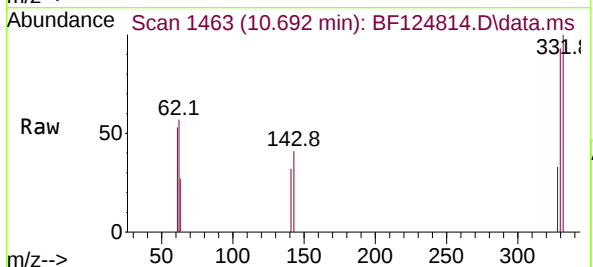
Instrument :
BNA_F
ClientSampleId :
VNJ-201-RBR-200036

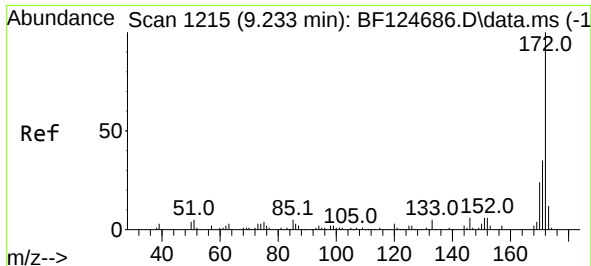
Tgt Ion:164	Resp:	13096
Ion Ratio	Lower	Upper
164	100	
162	106.1	81.3 121.9
160	45.1	38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 7.53 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion:330	Resp:	847
Ion Ratio	Lower	Upper
330	100	
332	90.3	76.2 114.4
141	15.5	44.6 66.8#

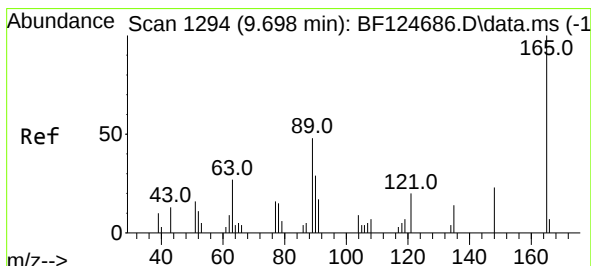
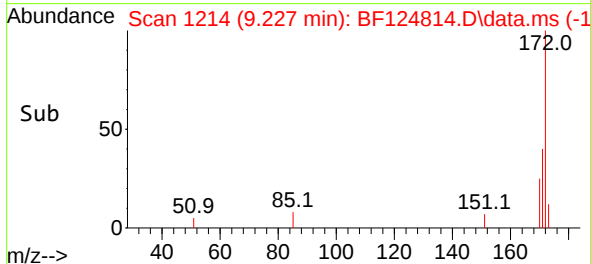
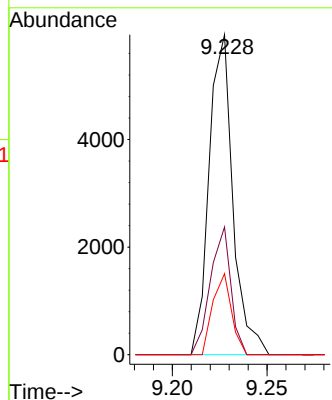
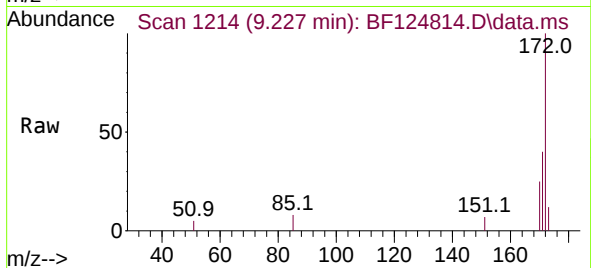




#45
2-Fluorobiphenyl
Concen: 5.84 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

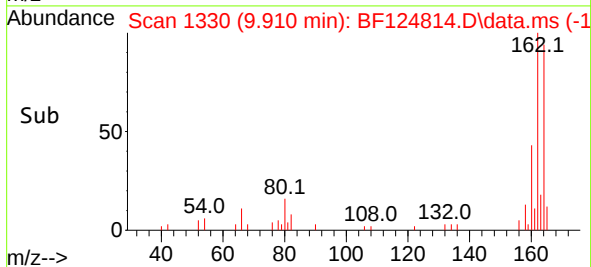
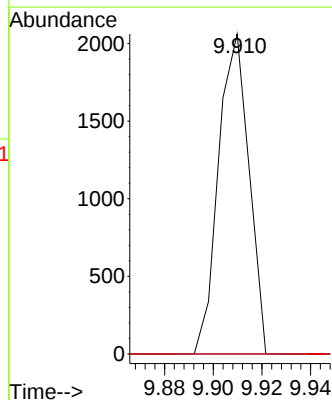
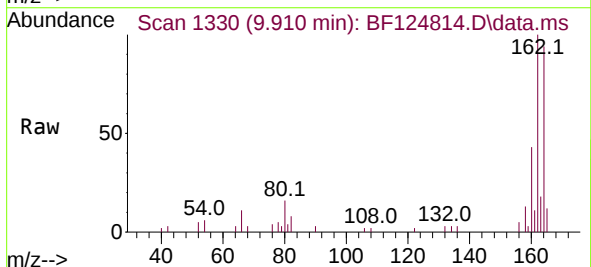
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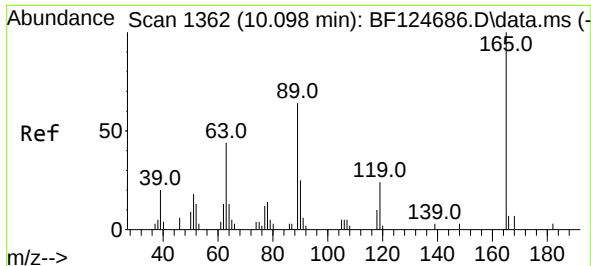
Tgt Ion:172 Resp: 5204
Ion Ratio Lower Upper
172 100
171 39.9 26.5 39.7#
170 25.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.99 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion:165 Resp: 1790
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

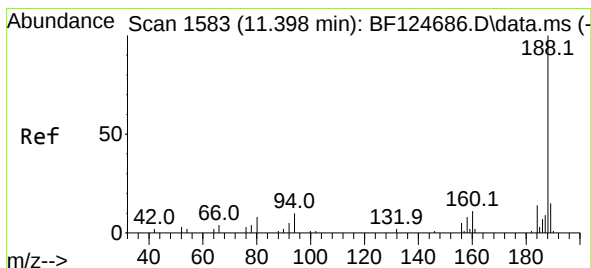
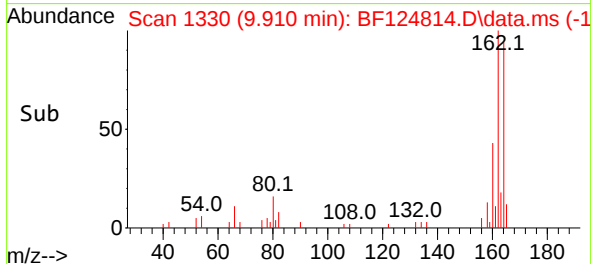
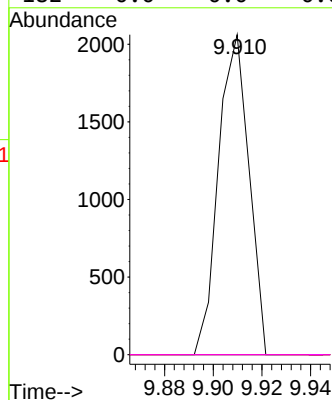
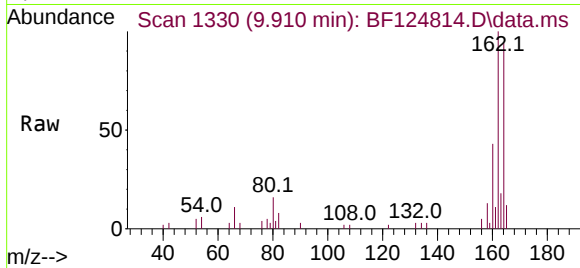




#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

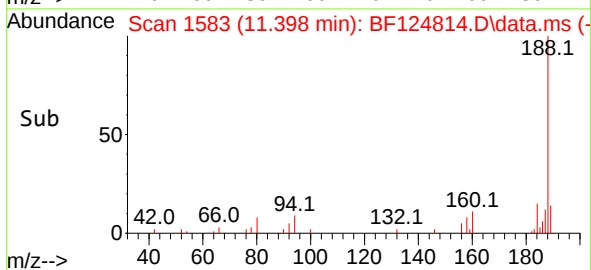
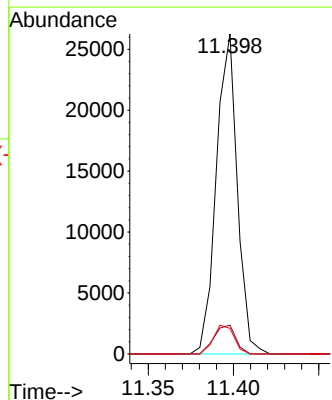
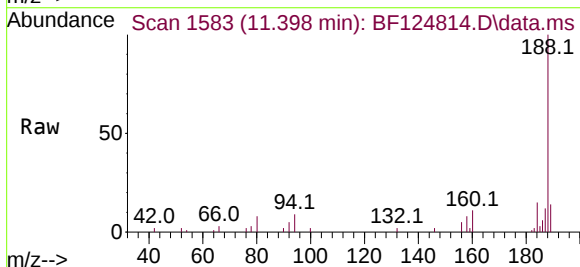
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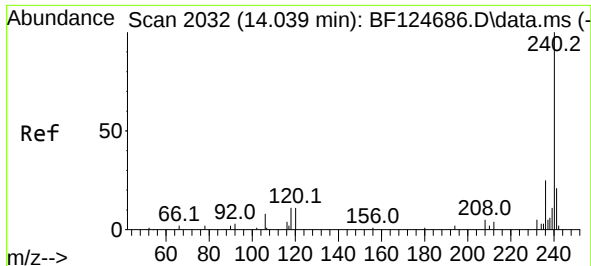
Tgt Ion:165	Resp:	1790
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

Tgt Ion:188	Resp:	22499
Ion Ratio	Lower	Upper
188	100	
94	9.0	6.7 10.1
80	8.0	7.5 11.3

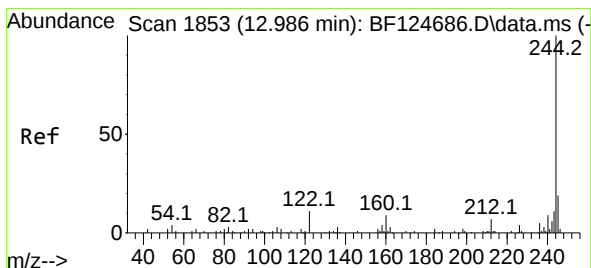
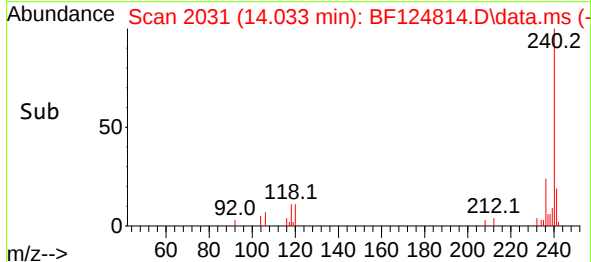
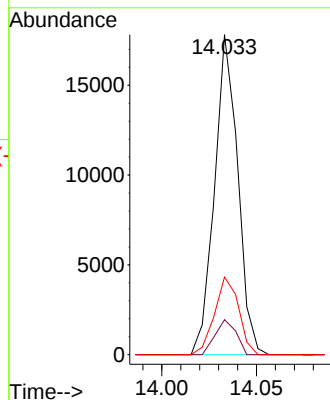
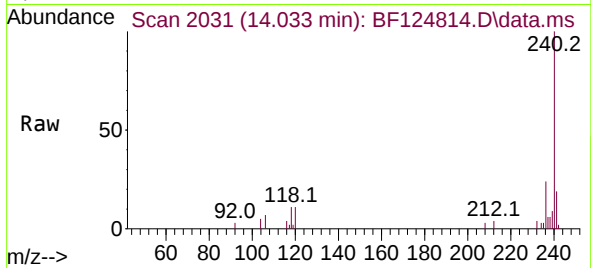




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

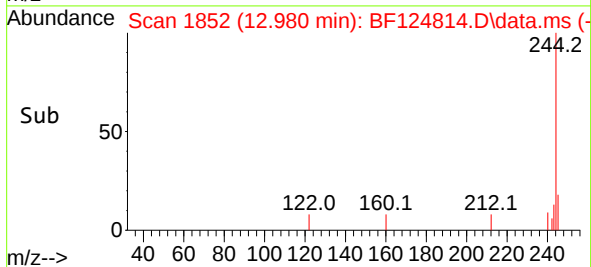
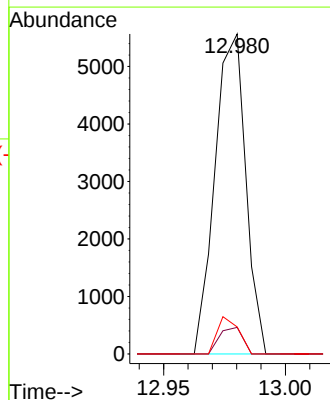
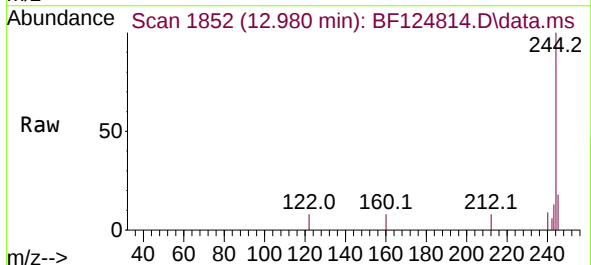
Instrument :
BNA_F
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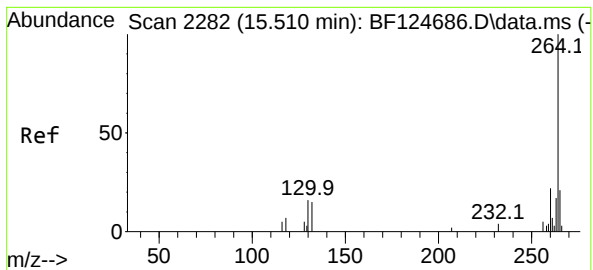
Tgt Ion:240 Resp: 15207
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 24.2 21.6 32.4



#79
Terphenyl-d14
Concen: 5.52 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124814.D
Acq: 28 Jul 2021 2:31

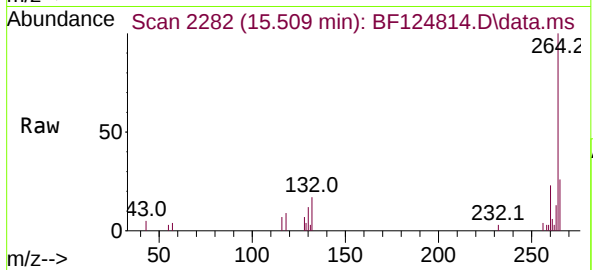
Tgt Ion:244 Resp: 4899
Ion Ratio Lower Upper
244 100
212 8.3 5.9 8.9
122 8.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124814.D
 Acq: 28 Jul 2021 2:31

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201-RBR-200036



Tgt Ion:	264	Resp:	12325
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.6	29.4
265	25.6	17.2	25.8

