

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124746.D
 Acq On : 24 Jul 2021 14:23
 Operator : JU/CG
 Sample : M3117-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-2

Manual Integrations
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Quant Time: Jul 25 04:28:32 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	6388	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	26257	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	12949	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	18568	20.00	ng	0.00
76) Chrysene-d12	14.027	240	11951	20.00	ng	#-0.01
86) Perylene-d12	15.498	264	12515	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	21764	57.69	ng	0.00
7) Phenol-d6	6.486	99	26913	56.90	ng	-0.01
23) Nitrobenzene-d5	7.428	82	17387	39.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	5501	49.48	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	36398	41.28	ng	0.00
79) Terphenyl-d14	12.974	244	22663	32.51	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.604	202	3081	3.02	ng	95
78) Pyrene	12.827	202	2745	2.90	ng	96
83) Chrysene	14.051	228	1620m	2.15	ng	
88) Benzo(b)fluoranthene	15.068	252	2835m	3.22	ng	
90) Benzo(a)pyrene	15.433	252	1577	2.14	ng	# 83

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

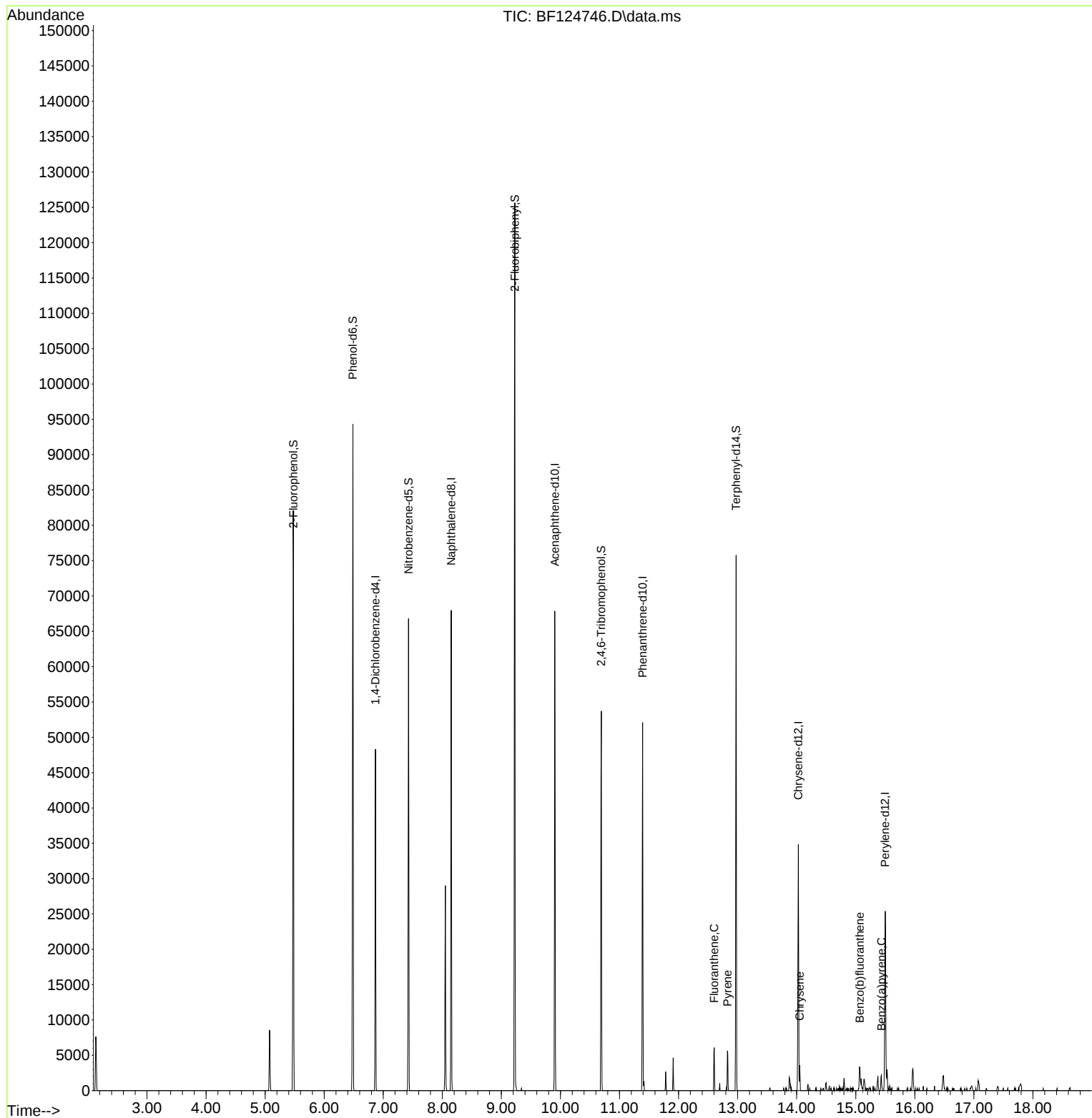
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124746.D
Acq On : 24 Jul 2021 14:23
Operator : JU/CG
Sample : M3117-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

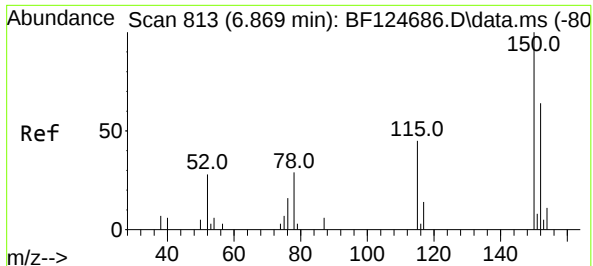
Instrument :
BNA_F
ClientSampleId :
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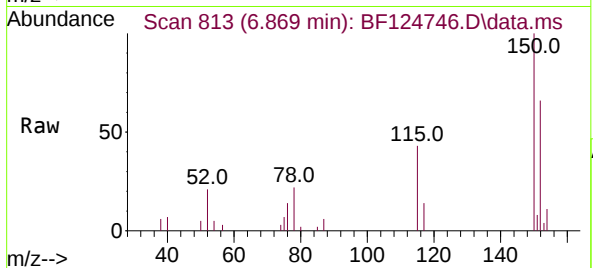
Quant Time: Jul 25 04:28:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

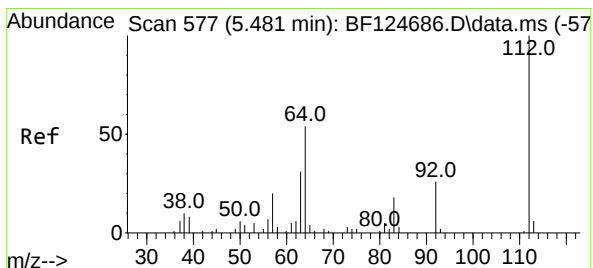
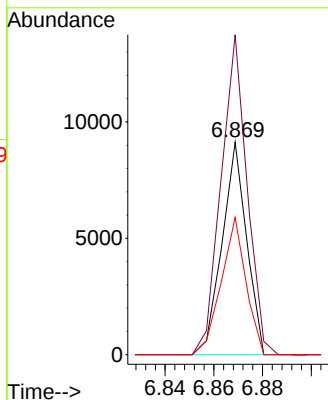
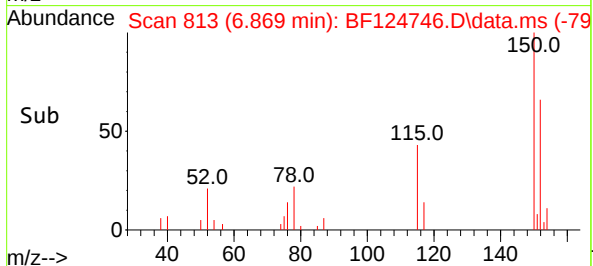
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2



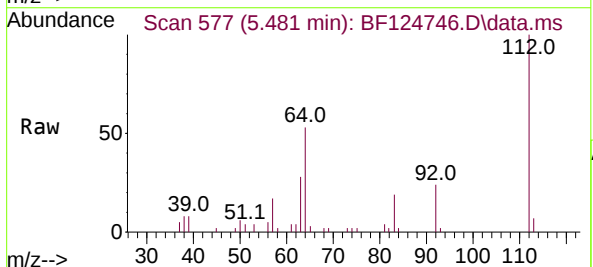
Tgt Ion:152 Resp: 6388
Ion Ratio Lower Upper
152 100
150 150.6 117.6 176.4
115 64.6 47.1 70.7

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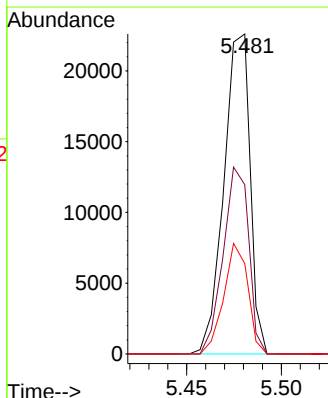
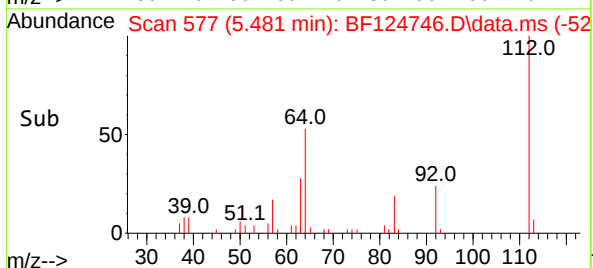
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#5
2-Fluorophenol
Concen: 57.69 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23



Tgt Ion:112 Resp: 21764
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 28.3 26.2 39.2





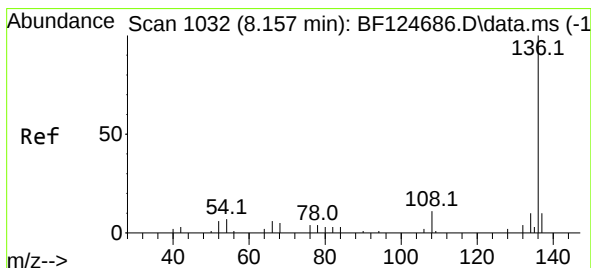
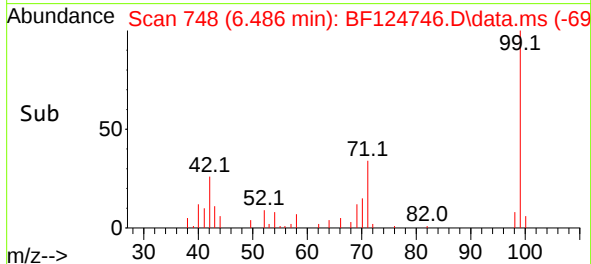
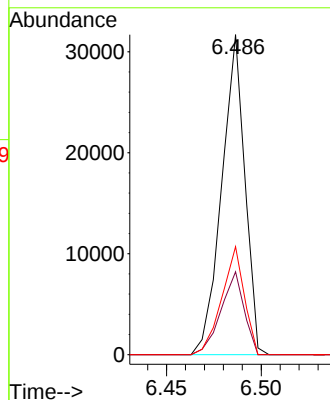
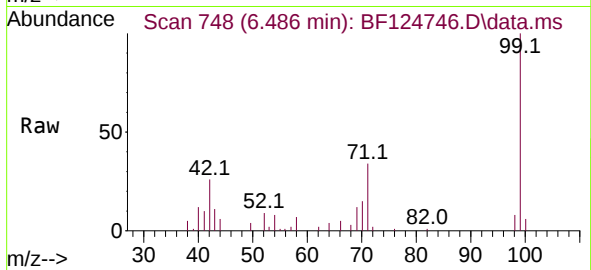
#7
Phenol-d6
Concen: 56.90 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion: 99	Resp: 26913
Ion Ratio	Lower Upper
99 100	
42 25.9	23.5 35.3
71 33.8	25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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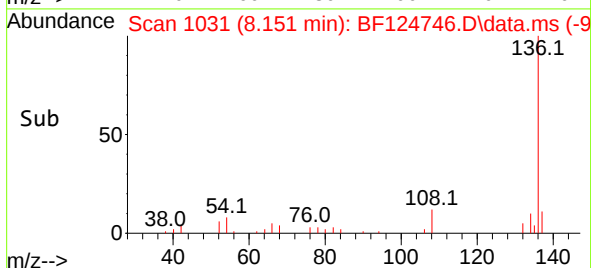
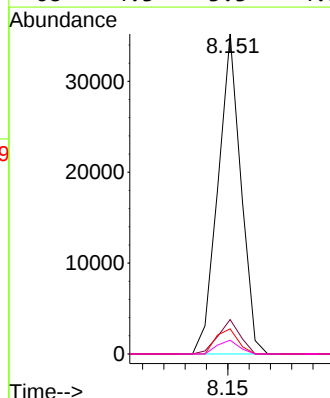
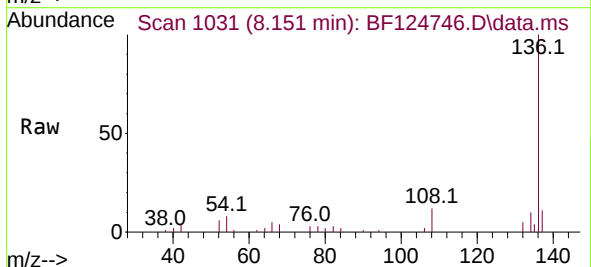
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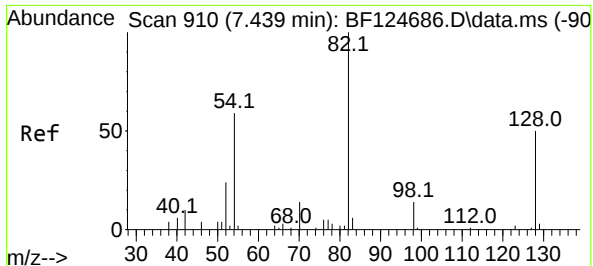
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion: 136	Resp: 26257
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 7.9	6.4 9.6
68 4.3	3.3 4.9





#23

Nitrobenzene-d5

Concen: 39.41 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124746.D

Acq: 24 Jul 2021 14:23

Tgt Ion: 82	Resp: 17387
Ion Ratio	Lower Upper
82	100
128	49.2 40.6 60.8
54	62.2 49.6 74.4

Instrument :

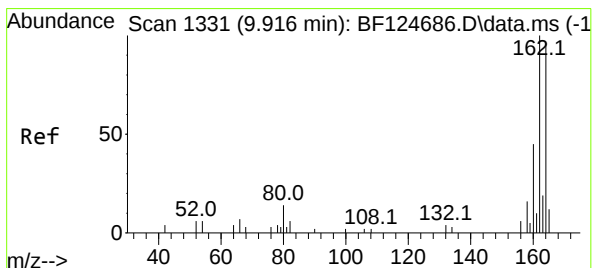
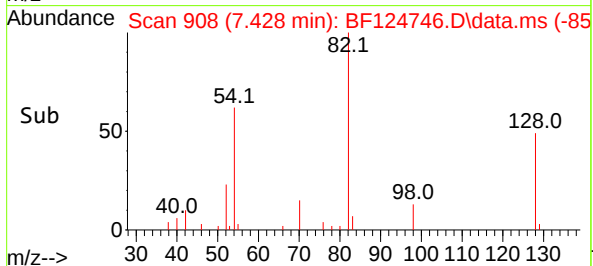
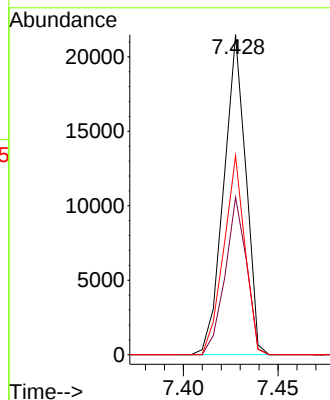
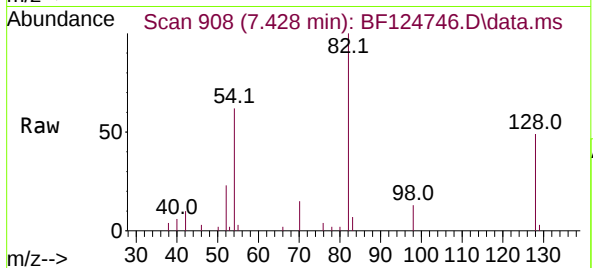
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#39

Acenaphthene-d10

Concen: 20.00 ng

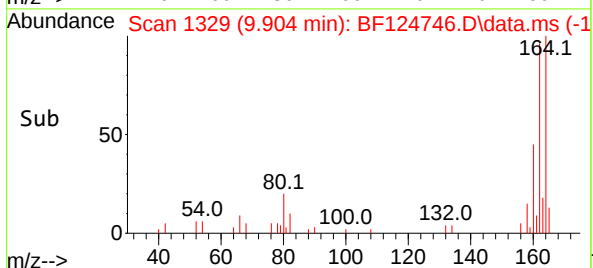
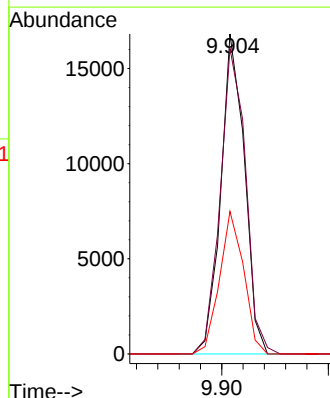
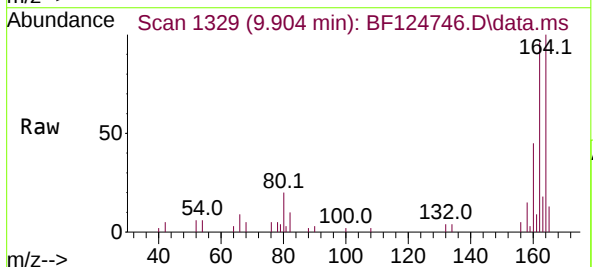
RT: 9.904 min Scan# 1329

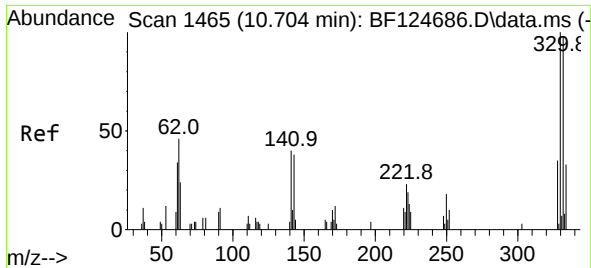
Delta R.T. -0.012 min

Lab File: BF124746.D

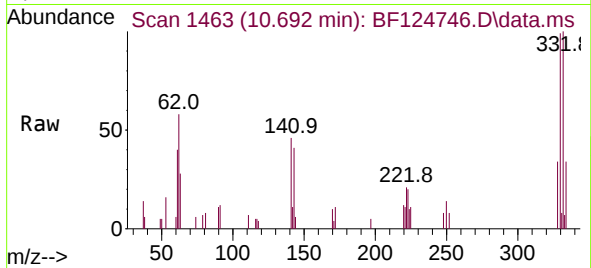
Acq: 24 Jul 2021 14:23

Tgt Ion: 164	Resp: 12949
Ion Ratio	Lower Upper
164	100
162	95.5 81.3 121.9
160	44.5 38.0 57.0

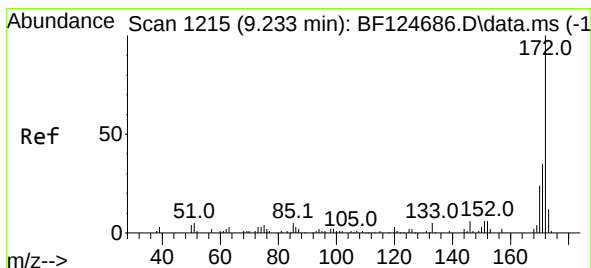
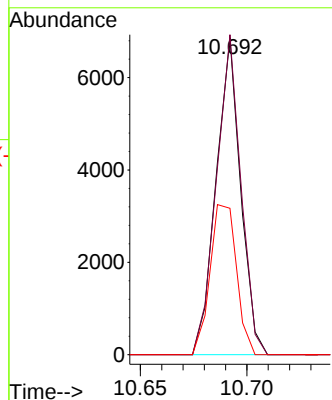
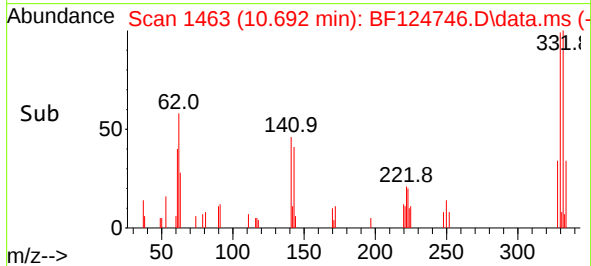




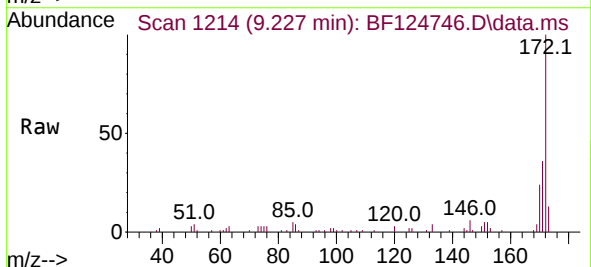
#42
2,4,6-Tribromophenol
Concen: 49.48 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23



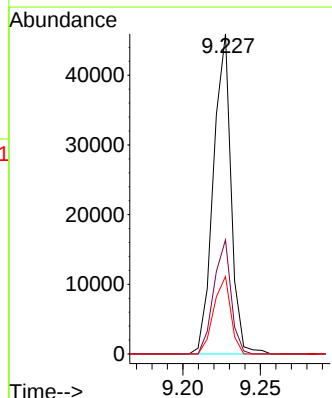
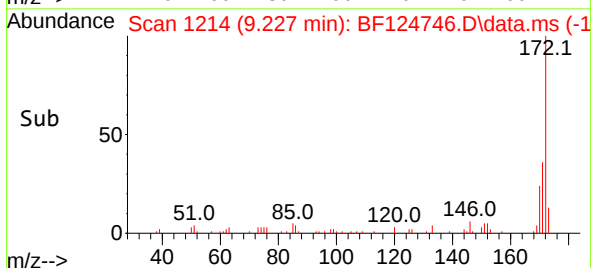
Tgt Ion: 330 Resp: 5501
Ion Ratio Lower Upper
330 100
332 101.0 76.2 114.4
141 51.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 41.28 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23



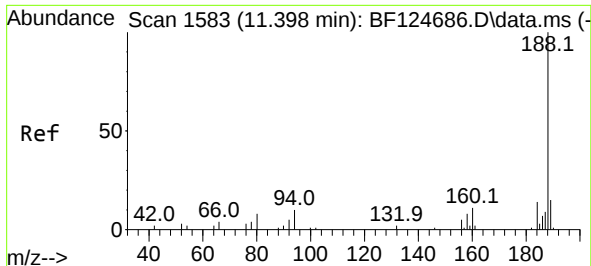
Tgt Ion: 172 Resp: 36398
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.2 18.8 28.2



Instrument :
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NJ-CLEAN-2

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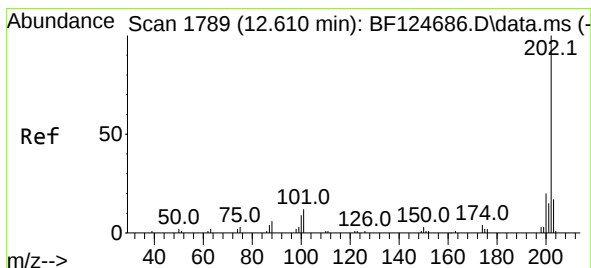
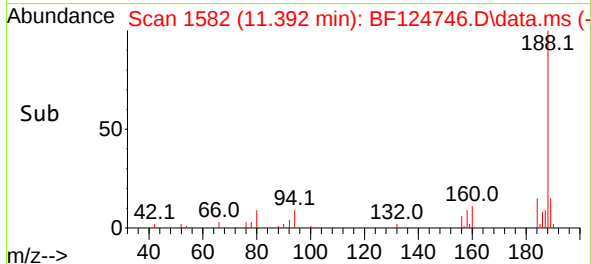
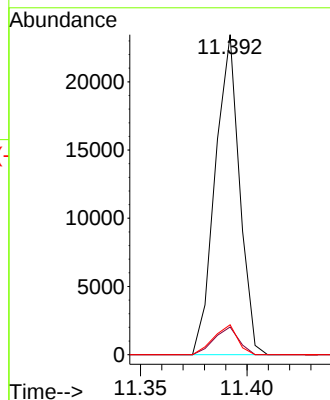
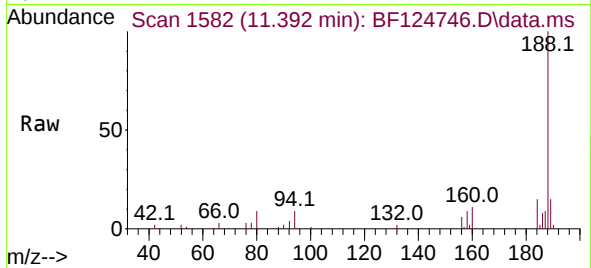
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	7.5	11.3

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

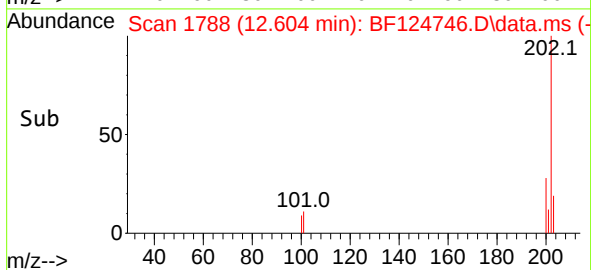
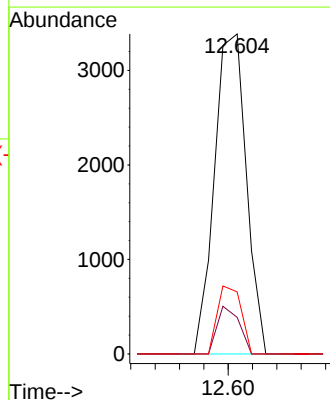
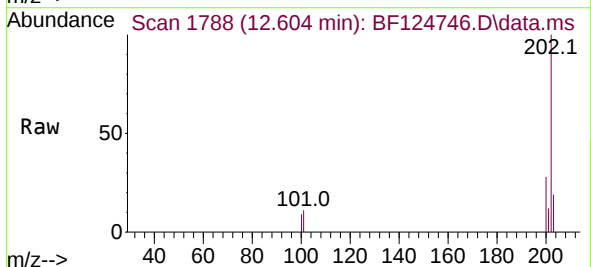
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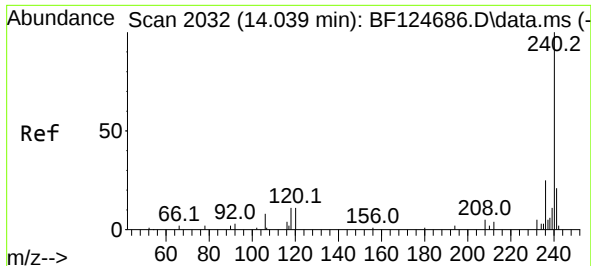
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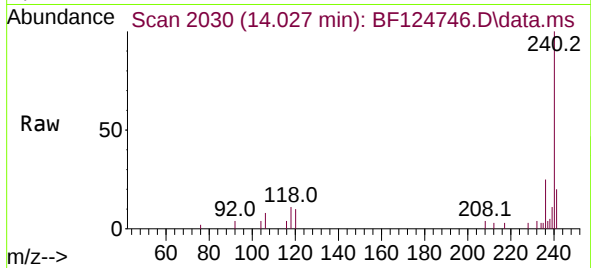
#75
Fluoranthene
Concen: 3.02 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
203	19.4	0.0	36.3

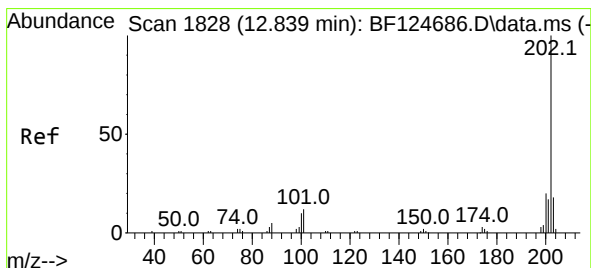
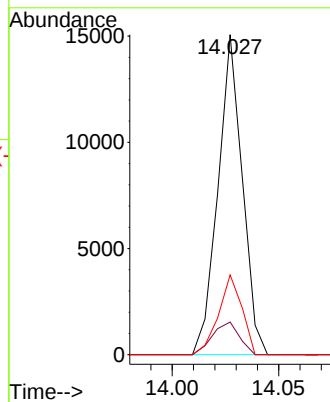
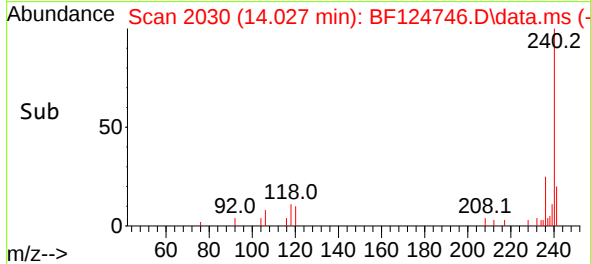




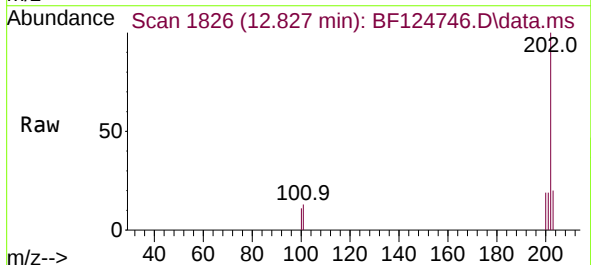
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23



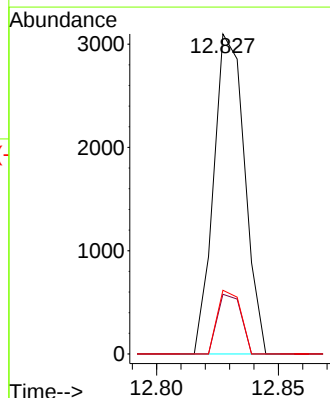
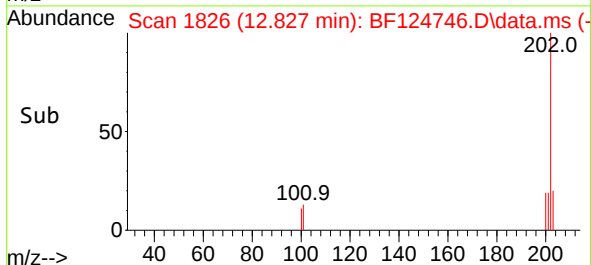
Tgt Ion:240 Resp: 11951
Ion Ratio Lower Upper
240 100
120 10.2 10.8 16.2#
236 25.0 21.6 32.4



#78
Pyrene
Concen: 2.90 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23



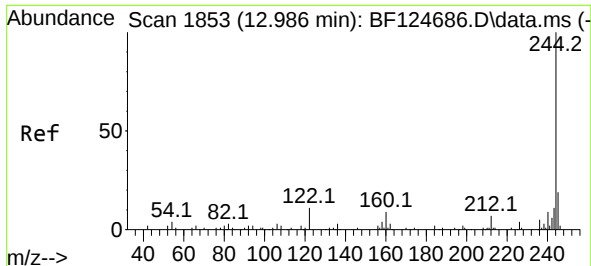
Tgt Ion:202 Resp: 2745
Ion Ratio Lower Upper
202 100
200 18.7 15.3 22.9
203 19.9 13.4 20.0



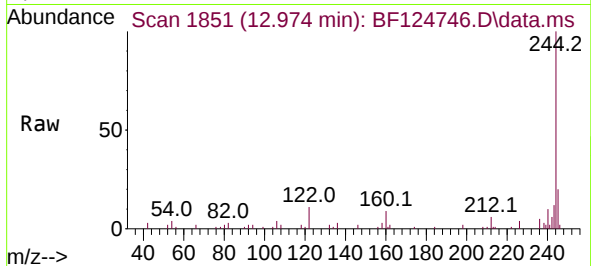
Instrument :
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NJ-CLEAN-2

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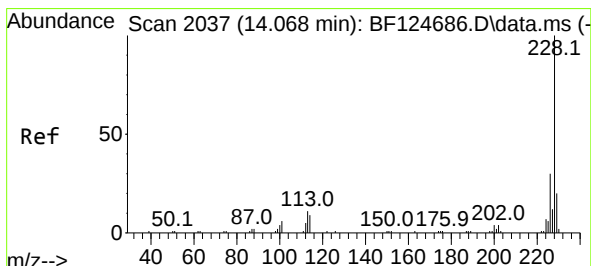
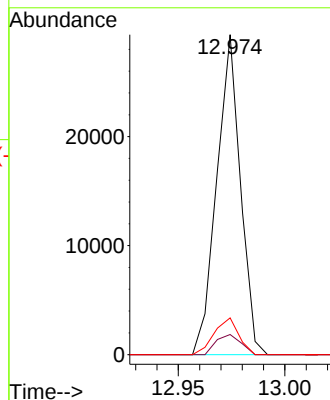
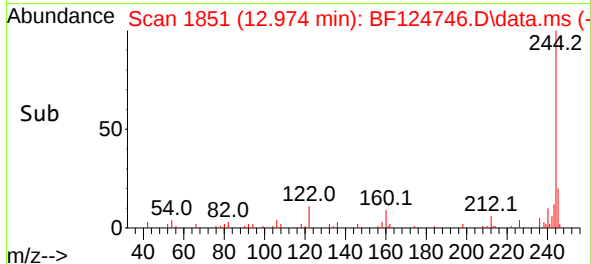
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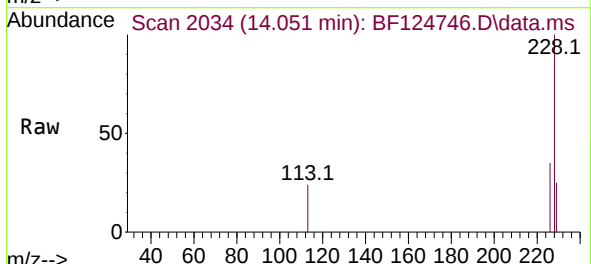
#79
Terphenyl-d14
Concen: 32.51 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23



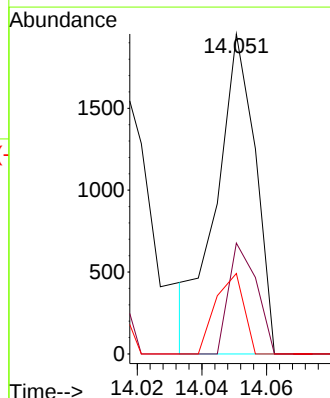
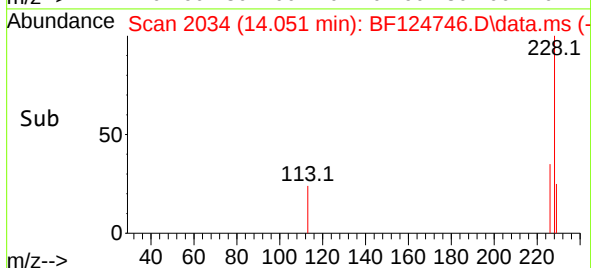
Tgt Ion:244 Resp: 22663
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 11.5 9.0 13.4



#83
Chrysene
Concen: 2.15 ng m
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23



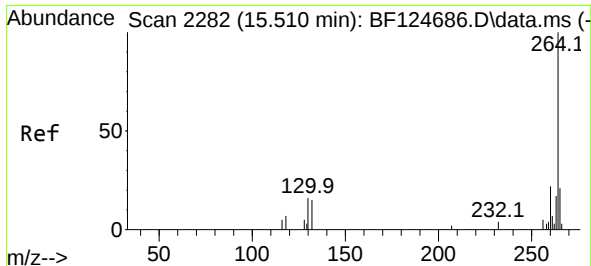
Tgt Ion:228 Resp: 1620
Ion Ratio Lower Upper
228 100
226 34.6 22.6 34.0#
229 25.1 15.9 23.9#



Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

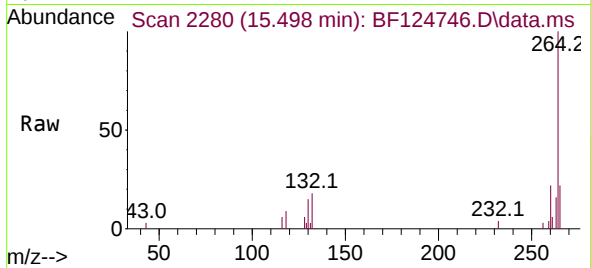
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

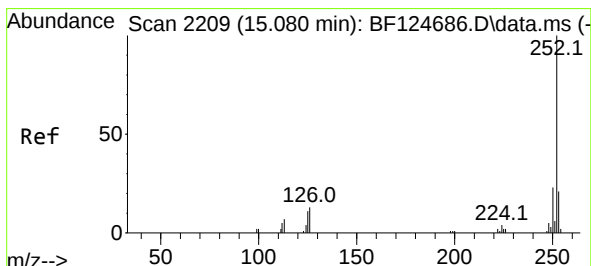
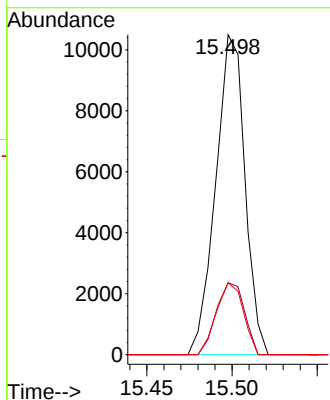
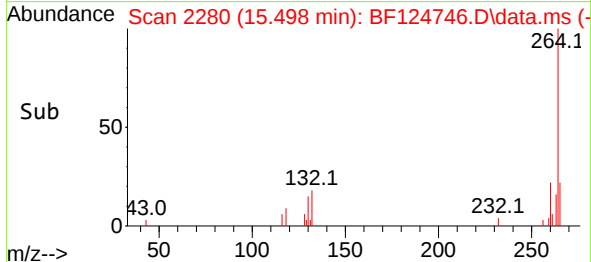
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2



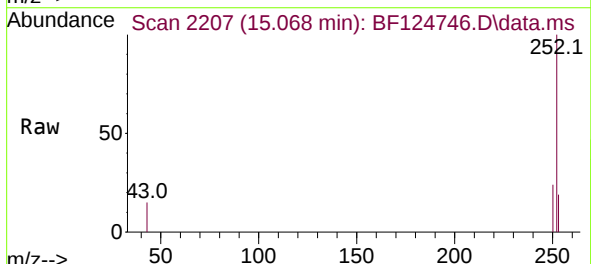
Tgt Ion:264 Resp: 12515
Ion Ratio Lower Upper
264 100
260 22.5 19.6 29.4
265 22.5 17.2 25.8

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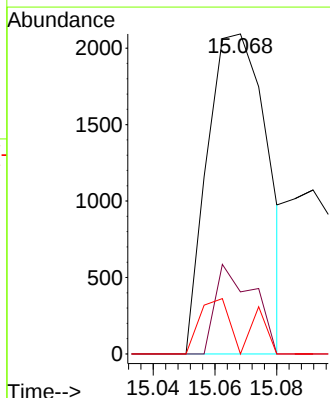
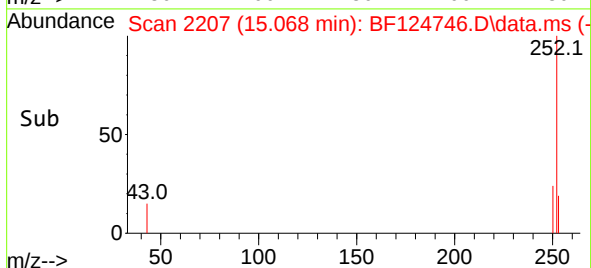
mohammad
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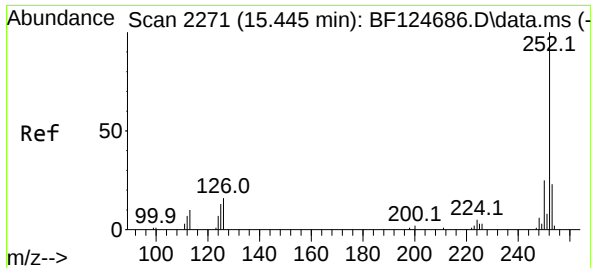


#88
Benzo(b)fluoranthene
Concen: 3.22 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

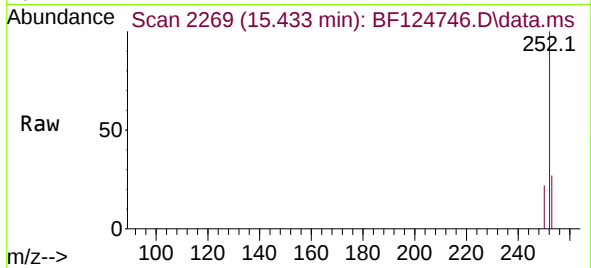


Tgt Ion:252 Resp: 2835
Ion Ratio Lower Upper
252 100
253 19.4 16.8 25.2
125 0.0 9.8 14.8#

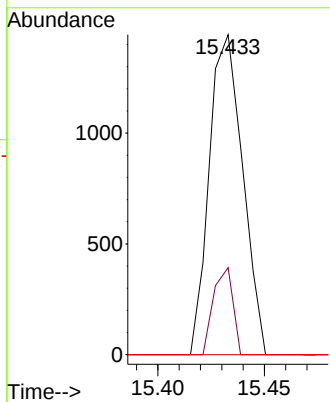
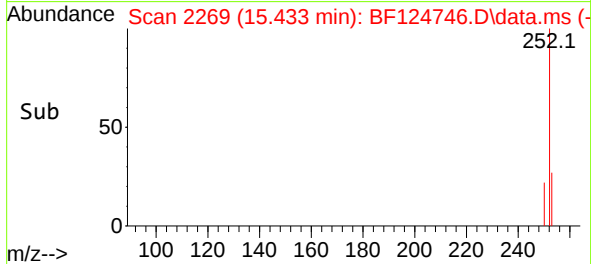




#90
 Benzo(a)pyrene
 Concen: 2.14 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.012 min
 Lab File: BF124746.D
 Acq: 24 Jul 2021 14:23



Tgt Ion:252 Resp: 1577
 Ion Ratio Lower Upper
 252 100
 253 27.2 18.4 27.6
 125 0.0 9.9 14.9#



Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-2

Manual Integrations
 APPROVED

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