

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115829.D
 Acq On : 27 Jul 2019 14:29
 Operator : HP/JU
 Sample : K4000-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 29 12:21:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144131	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	563481	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	276898	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	446845	20.00	ng	0.00
76) Chrysene-d12	14.03	240	347449	20.00	ng	0.00
87) Perylene-d12	15.50	264	426337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	368929	41.87	ng	0.02
7) Phenol-d6	6.61	99	525885m	47.03	ng	0.11
23) Nitrobenzene-d5	7.46	82	315896	32.60	ng	0.03
42) 2,4,6-Tribromophenol	10.69	330	80137	24.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	523550	33.09	ng	0.00
79) Terphenyl-d14	12.97	244	554092	29.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	2506977	358.807	ng	99
10) Phenol	6.62	94	324678m	25.015	ng	
15) Benzyl Alcohol	7.26	79	22280120m	2511.987	ng	
20) 3+4-Methylphenols	7.27	107	12062228m	1163.149	ng	
50) Dimethylphthalate	9.62	163	118860	5.705	ng	99
74) Di-n-butylphthalate	11.95	149	229255	8.966	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	33885	2.180	ng	# 94

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

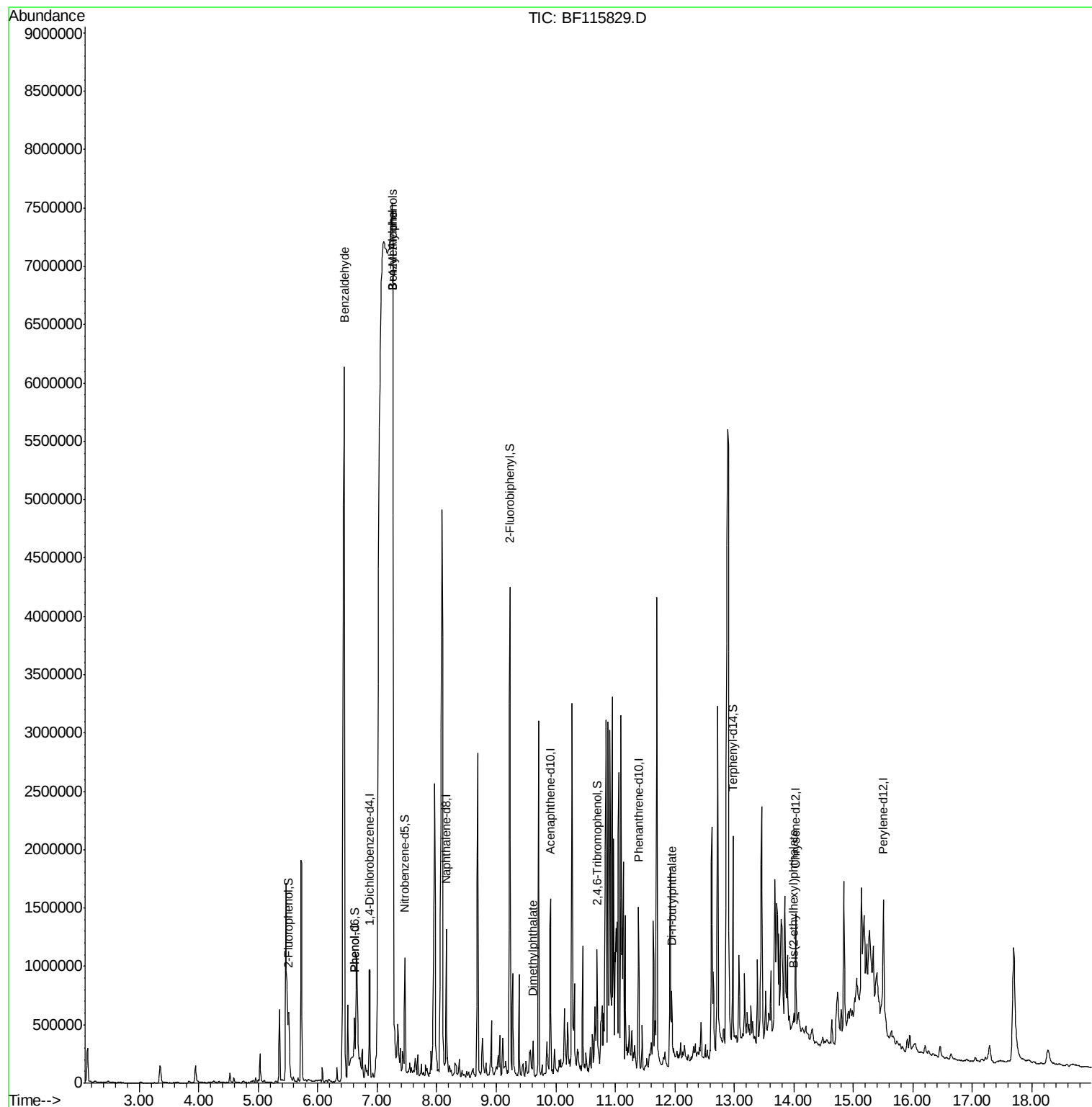
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
Data File : BF115829.D
Acq On : 27 Jul 2019 14:29
Operator : HP/JU
Sample : K4000-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

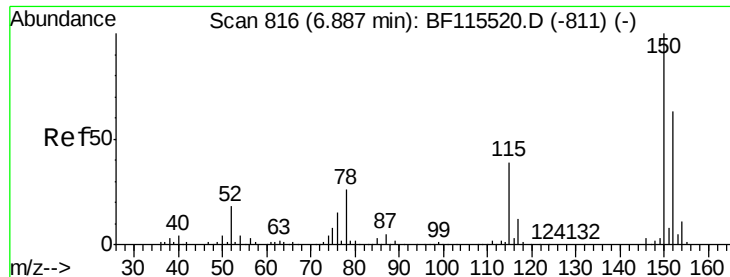
Instrument :
BNA_F
ClientSampleId :
COMP-1

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Quant Time: Jul 29 12:21:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration





#1

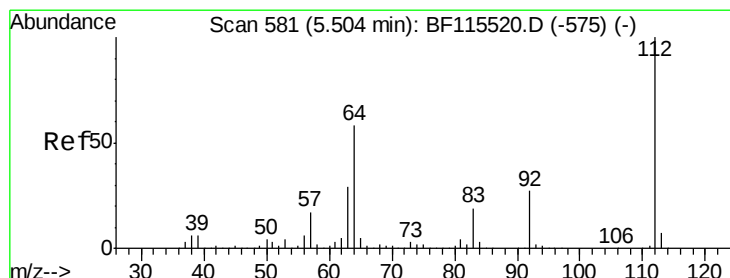
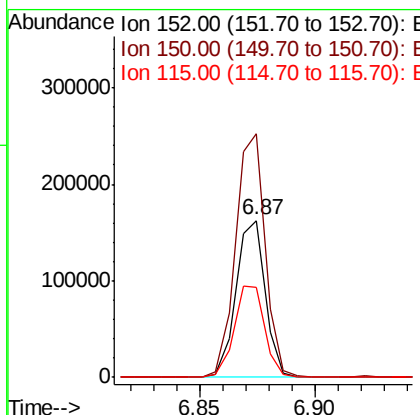
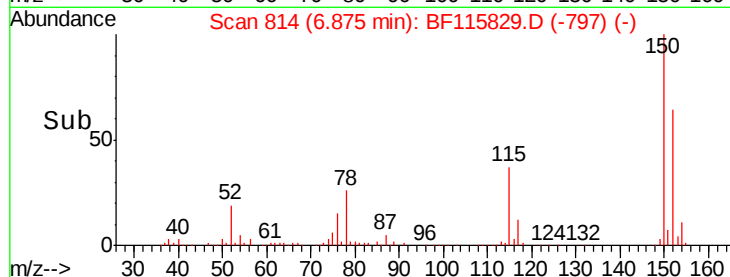
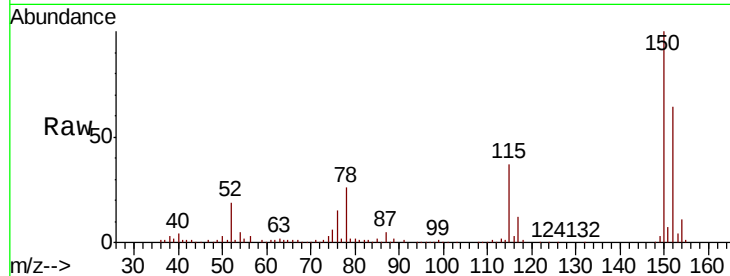
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	57.2	47.8	71.6

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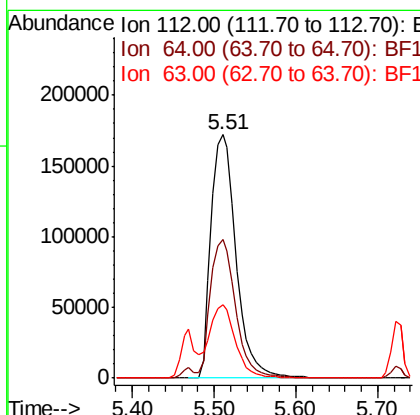
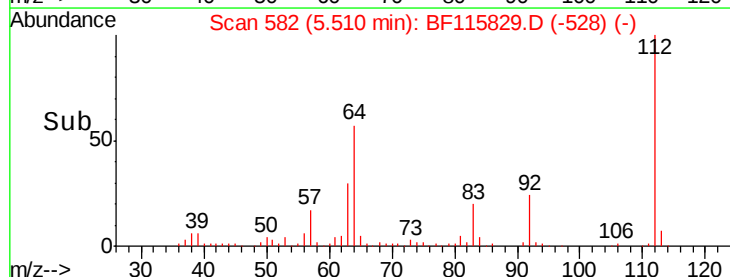
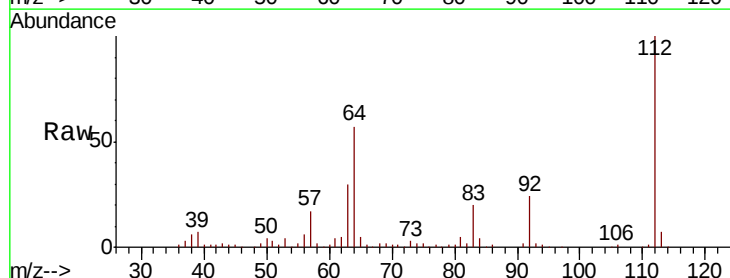
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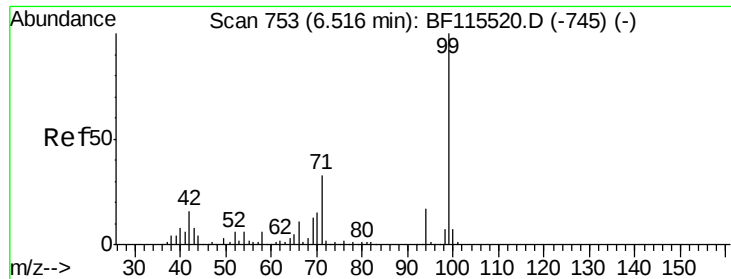


#5

2-Fluorophenol
Concen: 41.869 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.8	68.8
63	30.1	23.6	35.4





#7

Phenol-d6

Concen: 47.035 ng/mL

RT: 6.61 min Scan# 769

Delta R.T. 0.11 min

Lab File: BF115829.D

Acq: 27 Jul 2019 14:29

Instrument :

BNA_F

ClientSampleId :

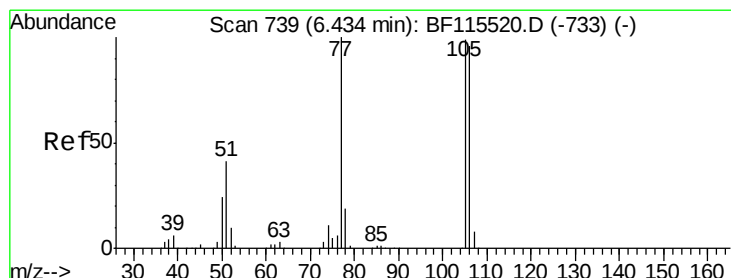
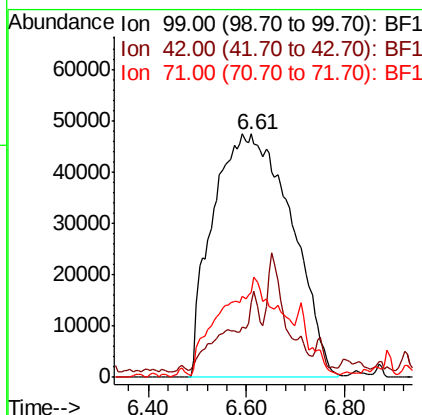
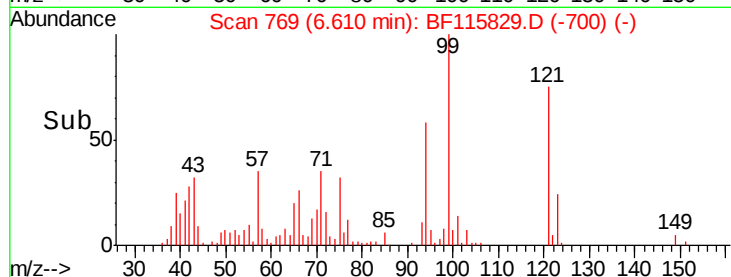
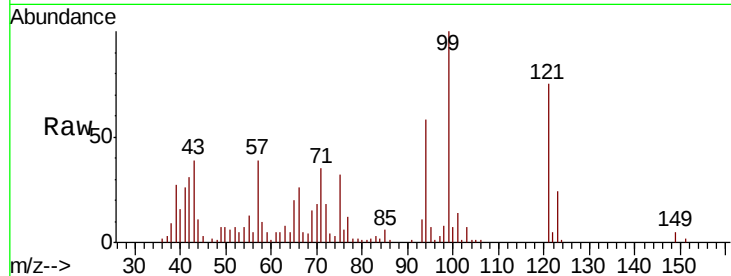
COMP-1

Tot Ion: 99 Resp: 525885

Ion	Ratio	Lower	Upper
99	100		
42	30.7	13.4	20.2
71	35.0	26.7	40.1

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#9

Benzaldehyde

Concen: 358.807 ng/mL

RT: 6.45 min Scan# 741

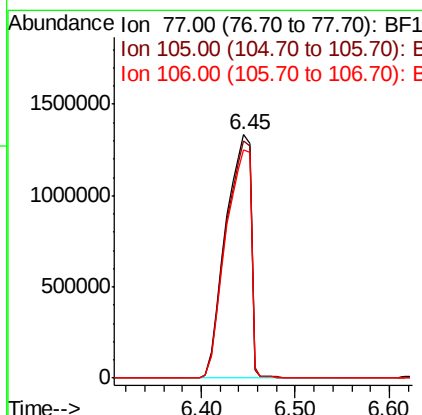
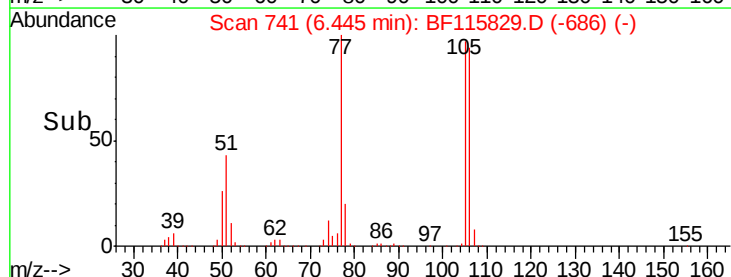
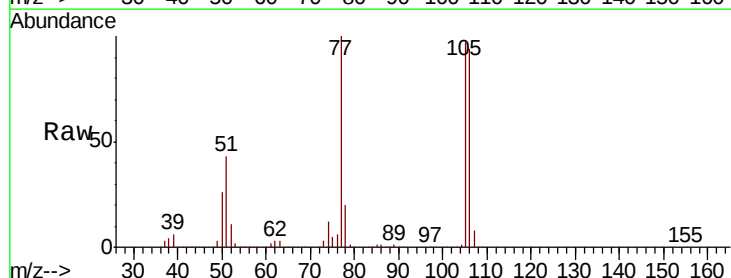
Delta R.T. 0.02 min

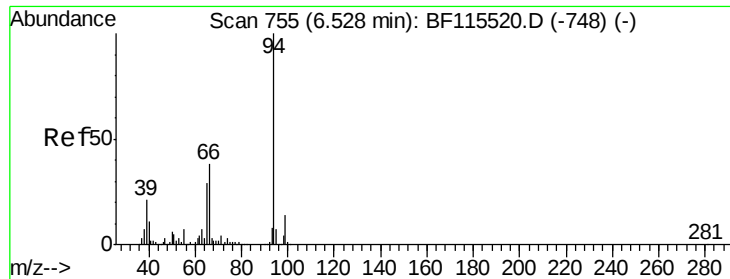
Lab File: BF115829.D

Acq: 27 Jul 2019 14:29

Tgt Ion: 77 Resp: 2506977

Ion	Ratio	Lower	Upper
77	100		
105	97.3	77.5	117.5
106	93.6	74.7	114.7





#10

Phenol

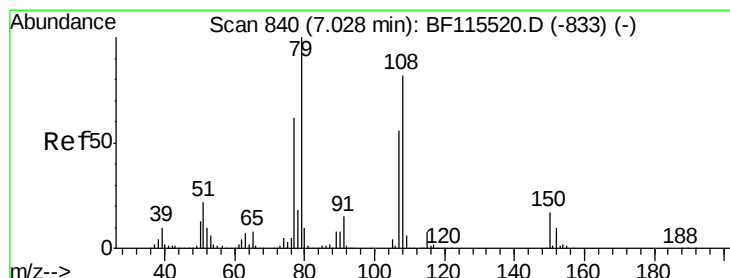
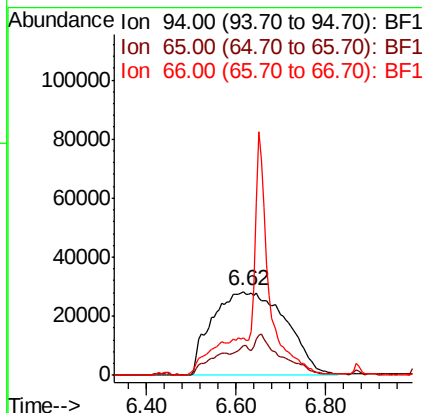
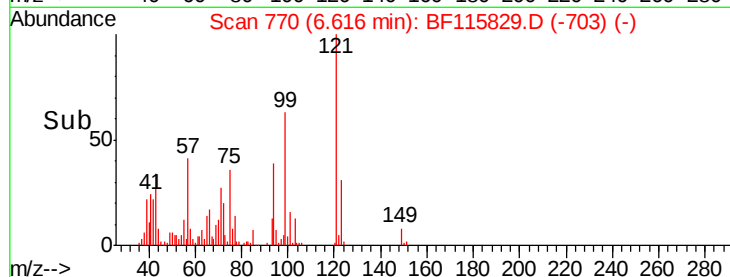
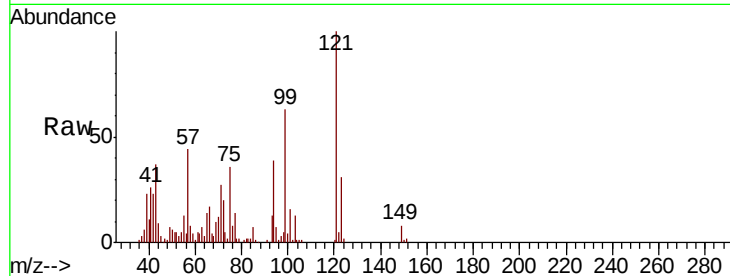
Concen: 25.015 ng m
RT: 6.62 min Scan# 770
Delta R.T. 0.09 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Lower	Upper
94	100		
65	35.2	11.2	51.2
66	44.0	24.4	64.4

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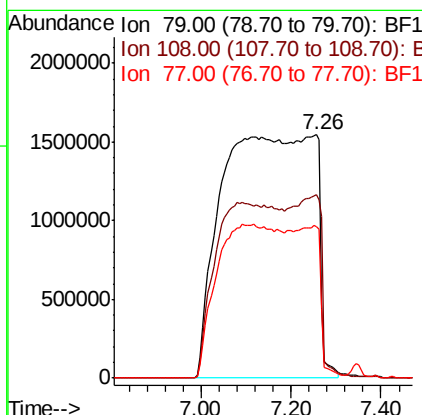
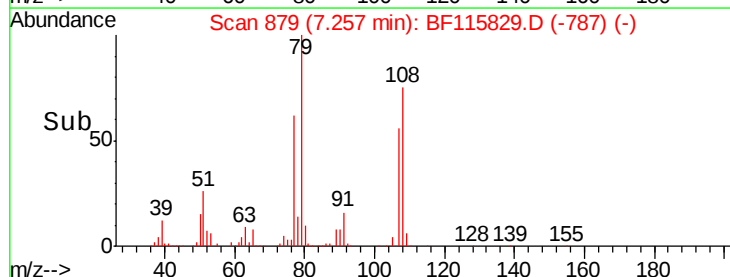
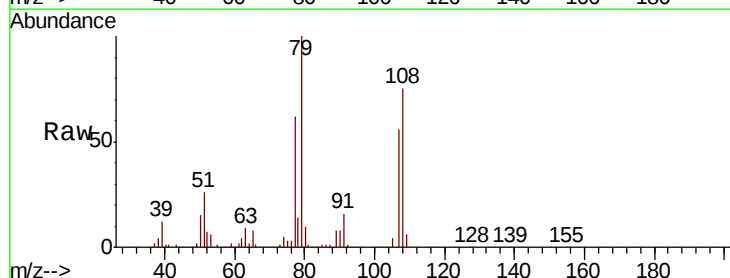


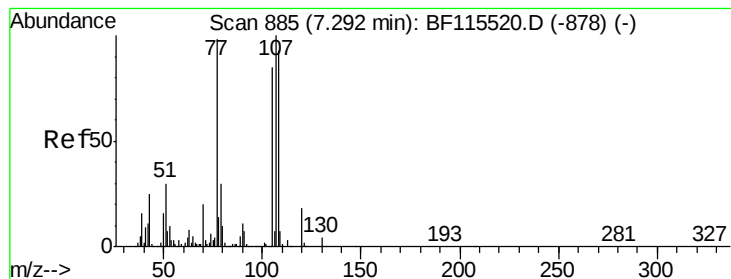
#15

Benzyl Alcohol

Concen: 2511.987 ng m
RT: 7.26 min Scan# 879
Delta R.T. 0.24 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.2	65.4	98.2
77	62.1	52.7	79.1





#20

3+4-Methylphenols

Concen: 1163.149 ng m

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF115829.D

Acq: 27 Jul 2019 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion:107 Resp:12062228

Ion Ratio Lower Upper

107 100

108 113.2 73.0 113.0#

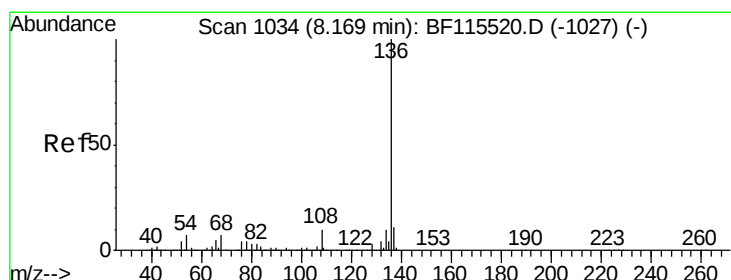
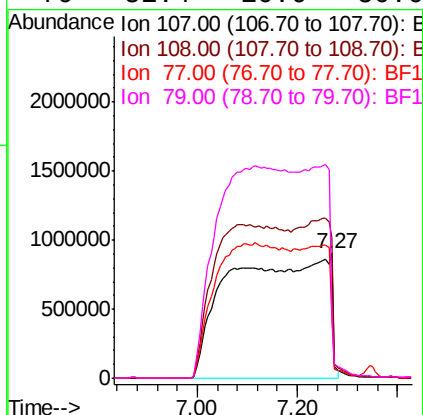
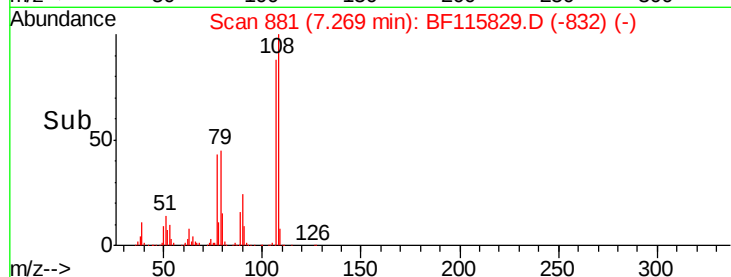
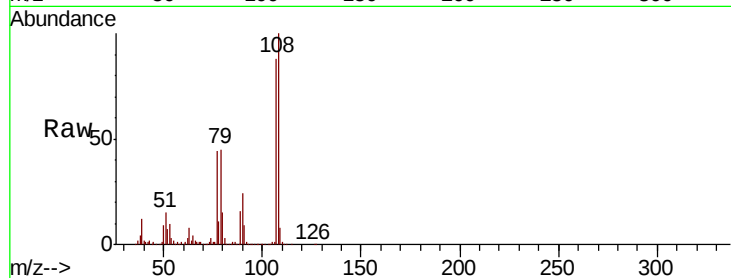
77 49.2 107.5 147.5#

79 51.4 10.6 50.6#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF115829.D

Acq: 27 Jul 2019 14:29

Tgt Ion:136 Resp: 563481

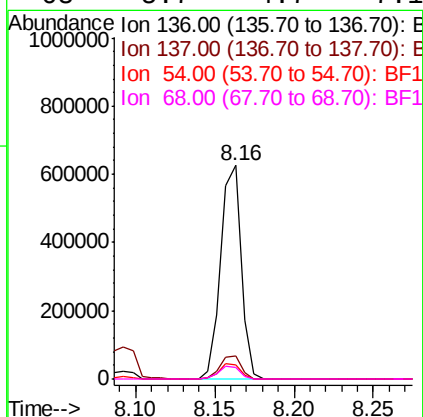
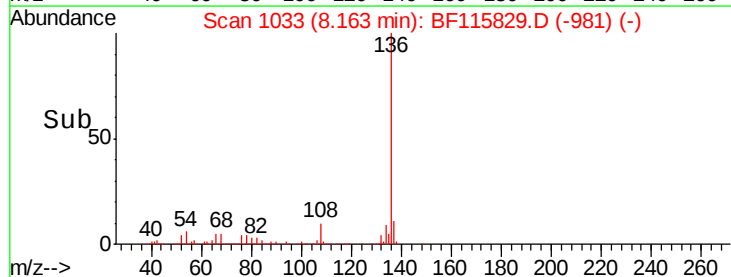
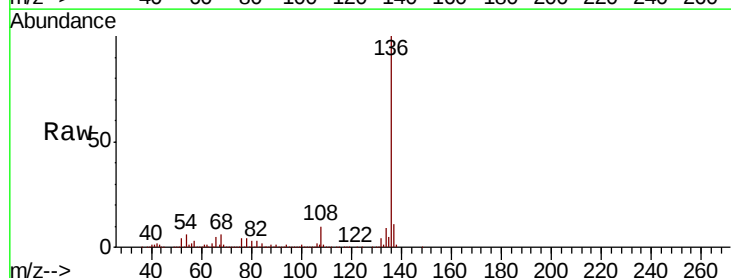
Ion Ratio Lower Upper

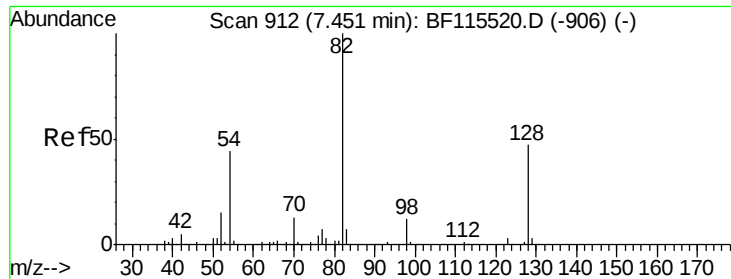
136 100

137 11.0 8.7 13.1

54 6.4 5.0 7.6

68 5.7 4.7 7.1





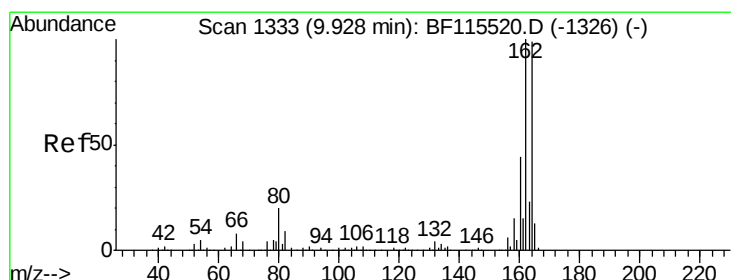
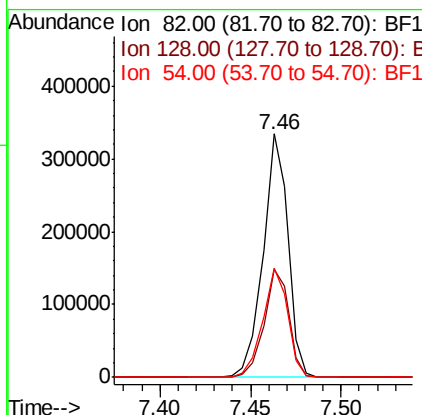
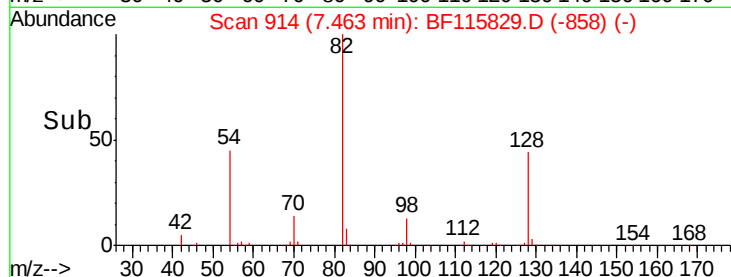
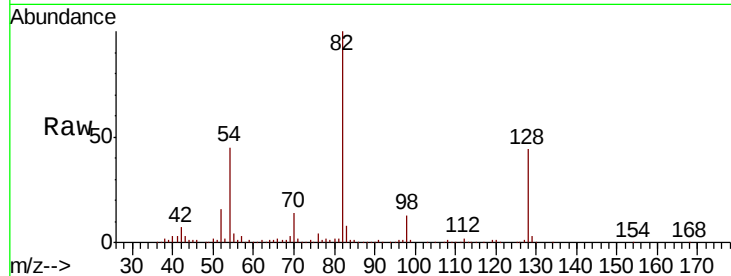
#23
Nitrobenzene-d5
Concen: 32.598 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.03 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Instrument :
BNA_F
ClientSampled :
COMP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.6	55.0
54	44.9	36.6	54.8

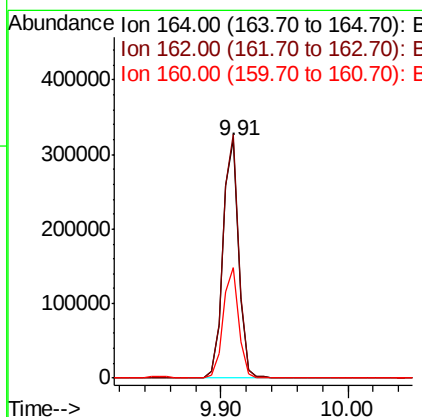
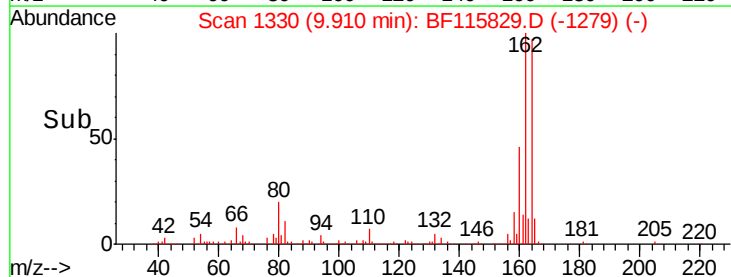
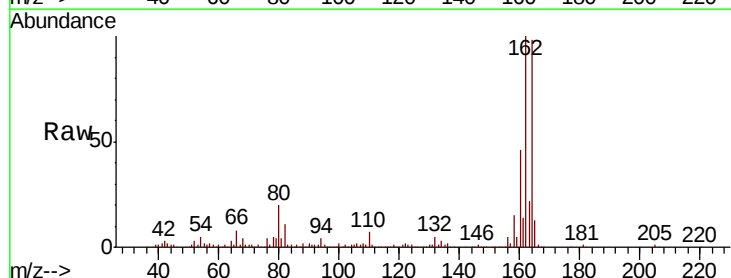
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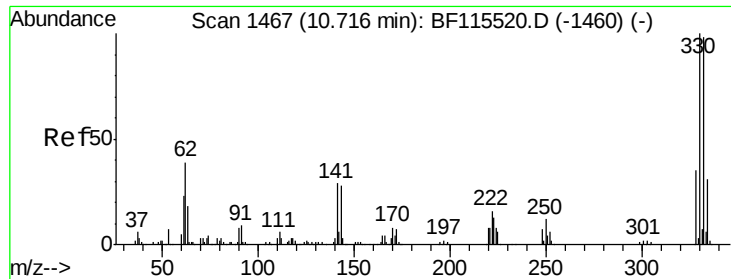
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	46.6	37.5	56.3





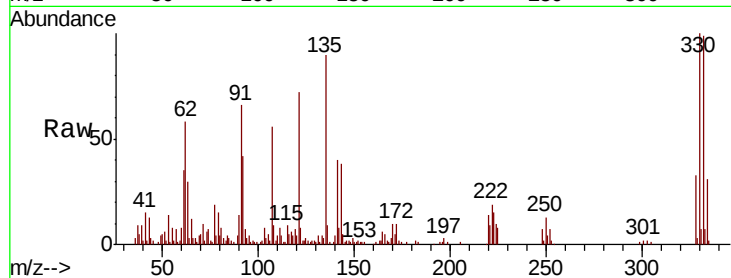
#42
 2,4,6-Tribromophenol
 Concen: 24.794 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115829.D
 Acq: 27 Jul 2019 14:29

Instrument :
 BNA_F
 ClientSampled :
 COMP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.1	114.1
141	36.9	25.9	38.9

Manual Integrations
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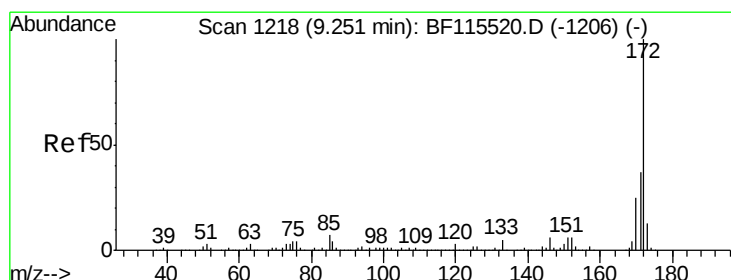
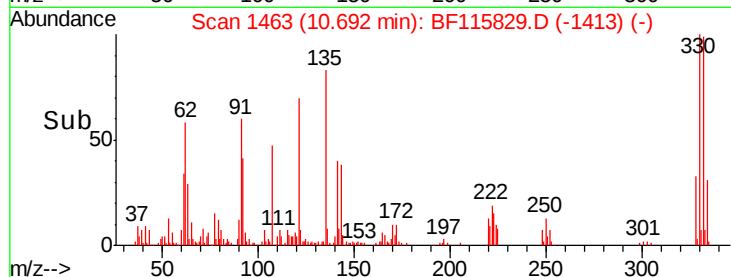
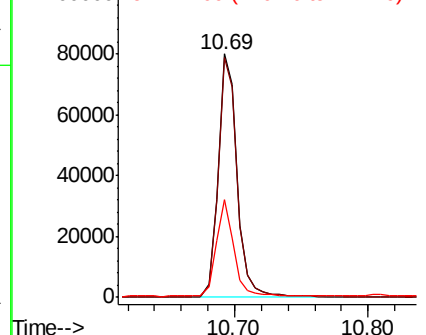


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 33.094 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115829.D
 Acq: 27 Jul 2019 14:29

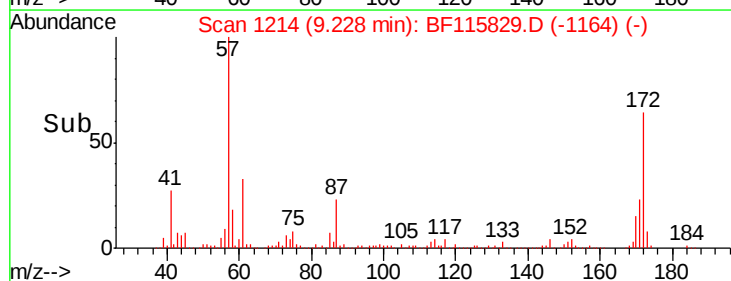
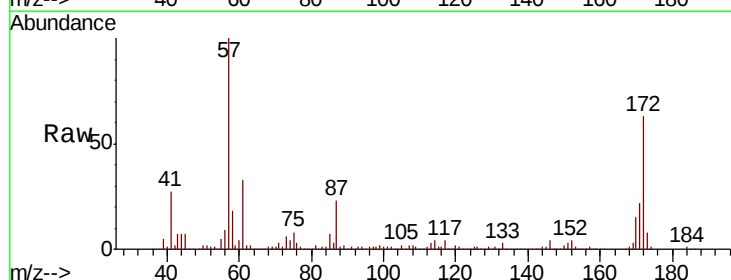
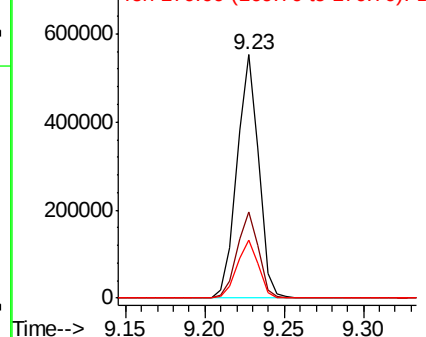
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.9	20.1	30.1

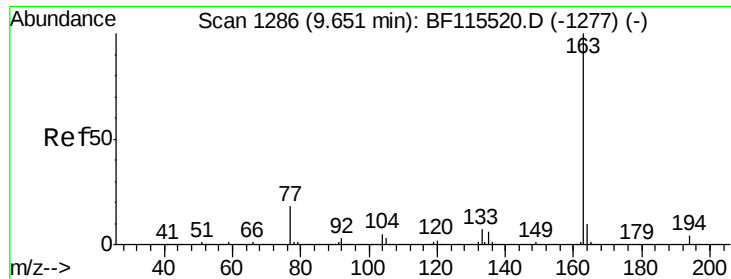
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





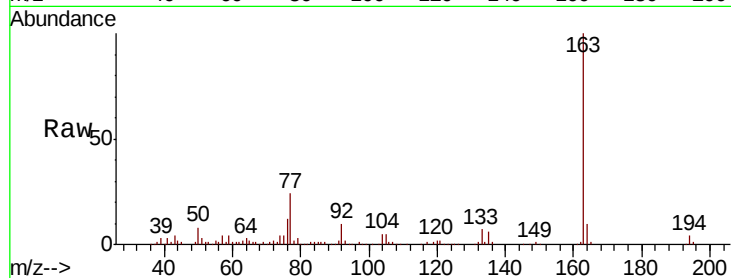
#50
Dimethylphthalate
Concen: 5.705 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Instrument :
BNA_F
ClientSampleId :
COMP-1

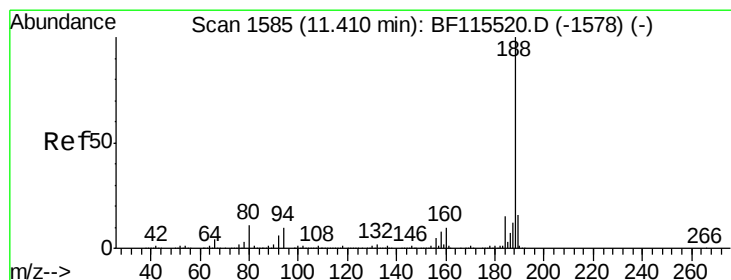
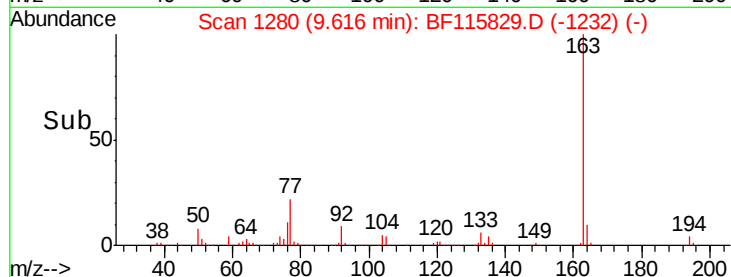
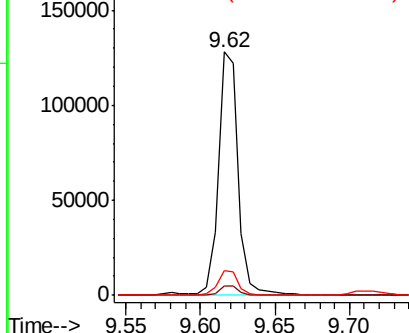
Tot Ion	Ratio	Resp	Lower	Upper
163	100	118860		
194	3.9		3.2	4.8
164	10.1		8.3	12.5

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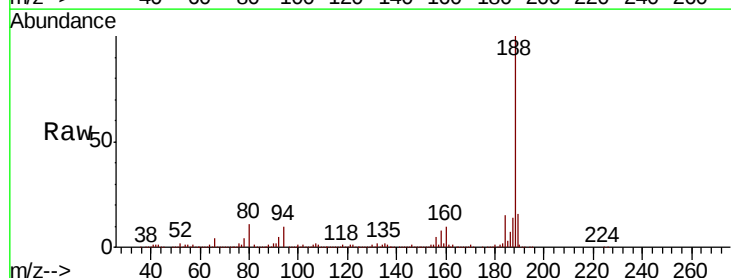


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

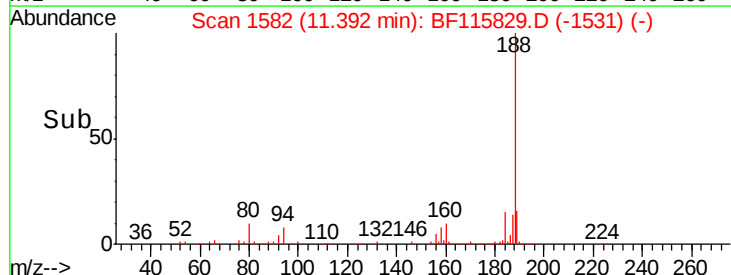
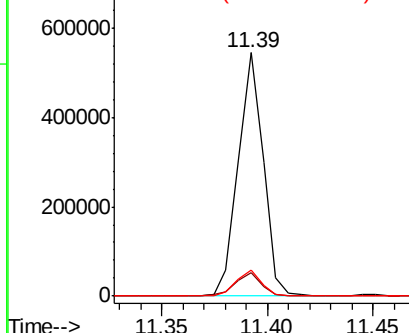


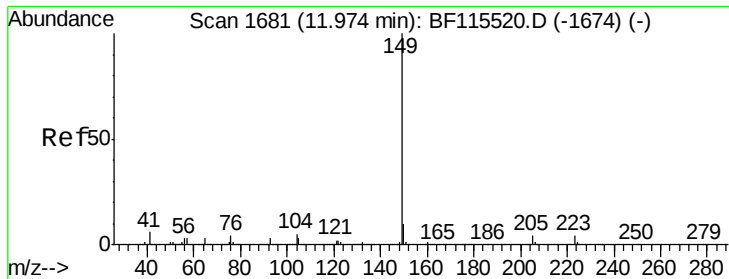
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	446845		
94	9.7		8.2	12.2
80	10.5		9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Di-n-butylphthalate

Concen: 8.966 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF115829.D

Acq: 27 Jul 2019 14:29

Instrument :

BNA_F

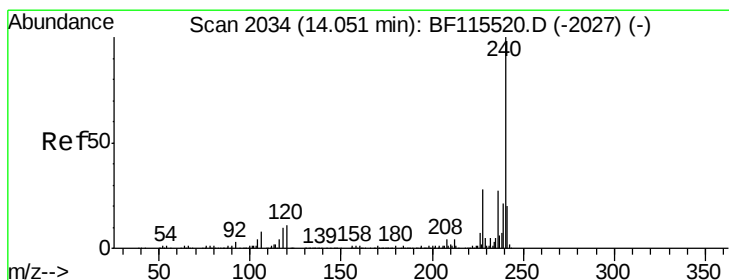
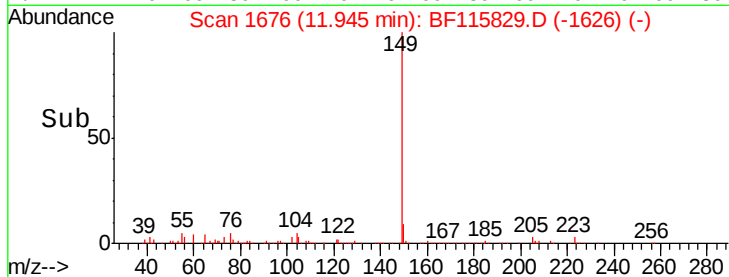
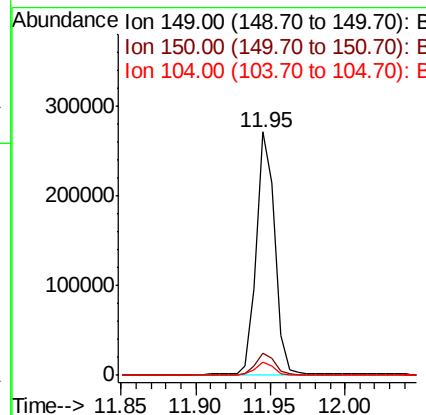
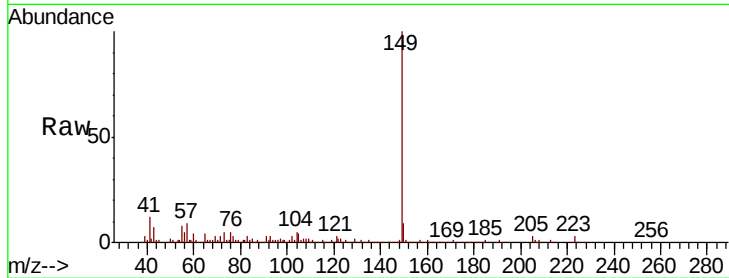
ClientSampleId :

COMP-1

Tot Ion:	149	Resp:	229255
Ion Ratio	Lower	Upper	
149	100		
150	9.0	8.0	12.0
104	5.3	4.3	6.5

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#76

Chrysene-d12

Concen: 20.000 ng

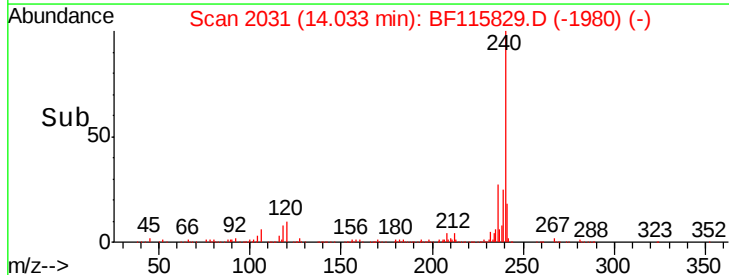
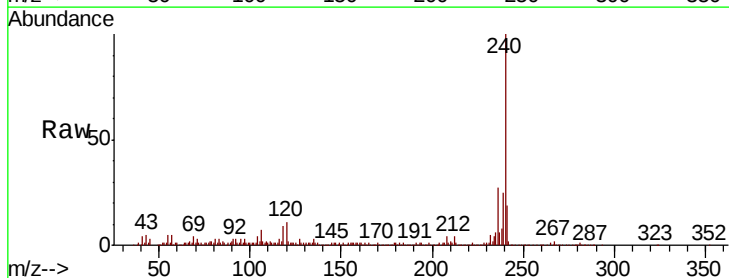
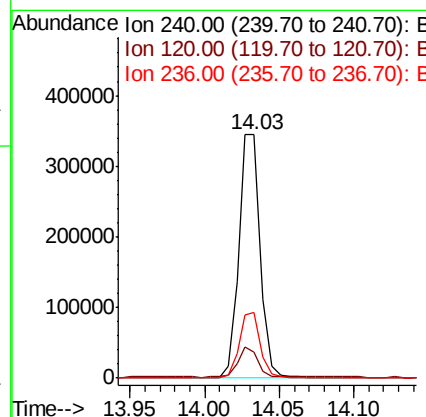
RT: 14.03 min Scan# 2031

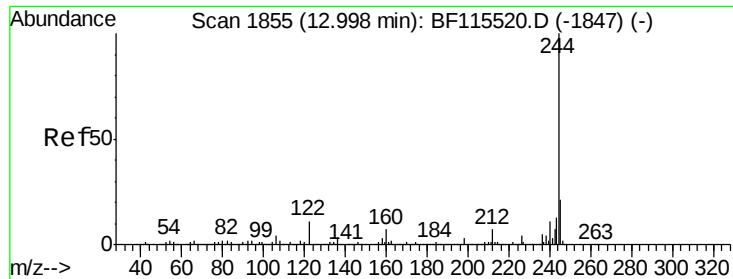
Delta R.T. 0.00 min

Lab File: BF115829.D

Acq: 27 Jul 2019 14:29

Tgt Ion:	240	Resp:	347449
Ion Ratio	Lower	Upper	
240	100		
120	10.5	10.0	15.0
236	27.0	21.8	32.6





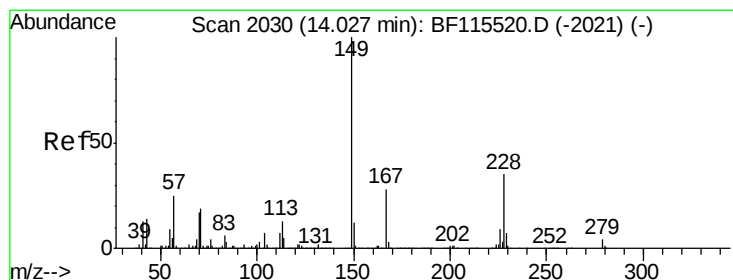
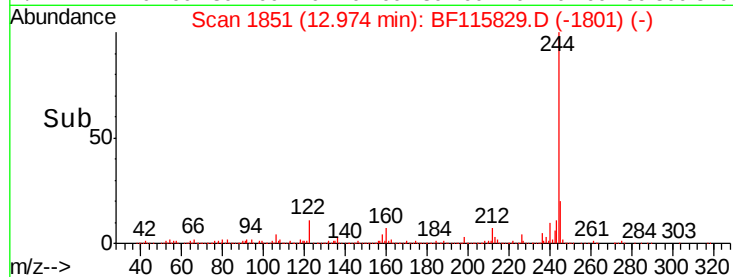
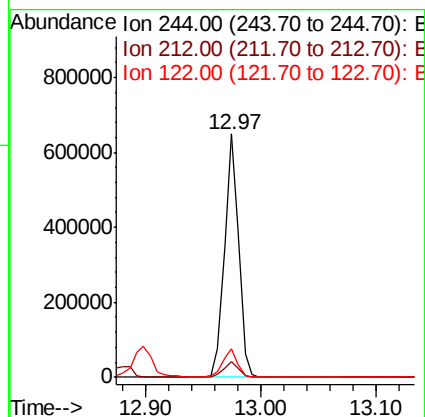
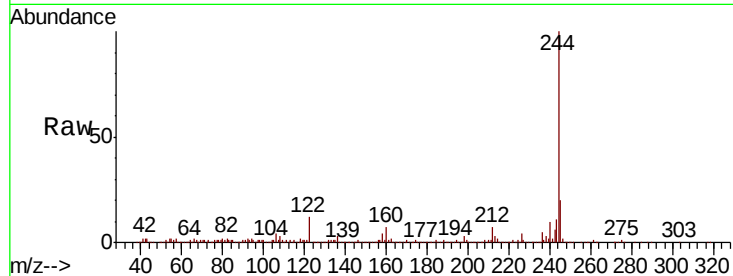
#79
 Terphenyl-d14
 Concen: 29.426 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115829.D
 Acq: 27 Jul 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.6	8.2	12.4

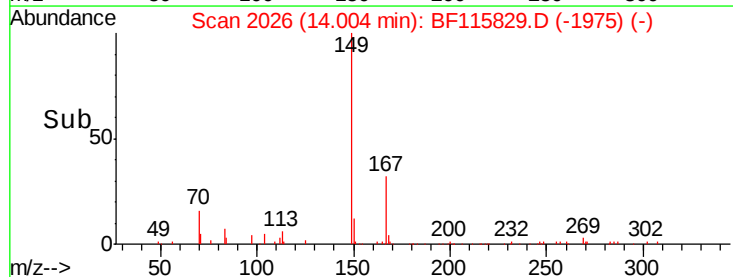
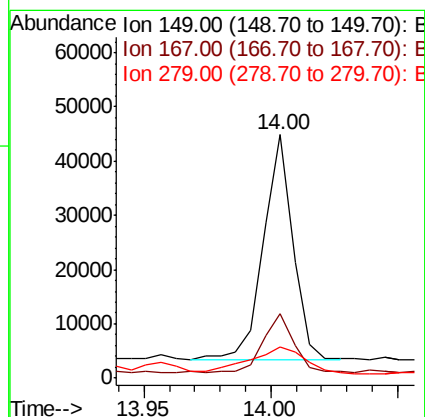
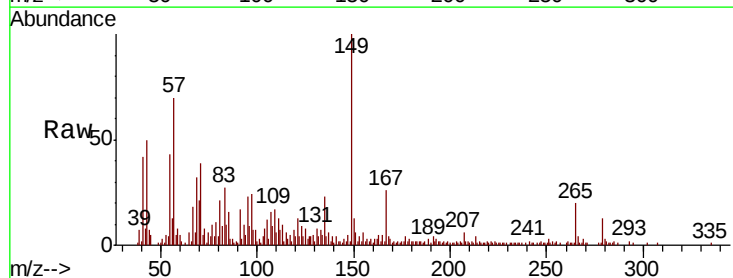
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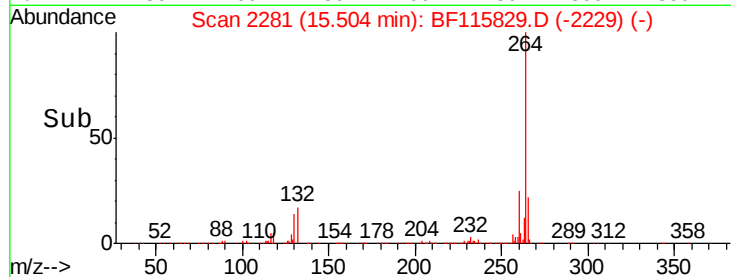
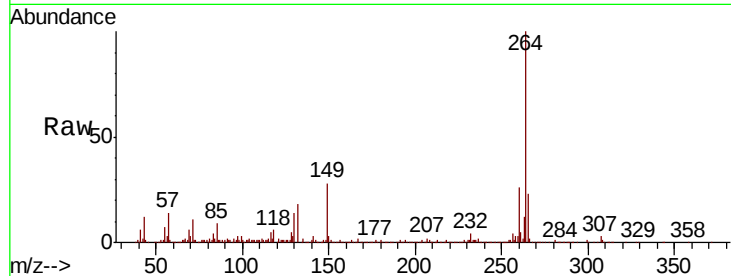
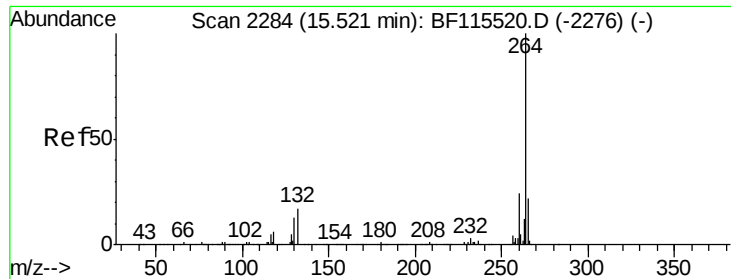
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.180 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF115829.D
 Acq: 27 Jul 2019 14:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.5	33.7
279	12.7	3.1	4.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115829.D
Acq: 27 Jul 2019 14:29

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.5	19.8	29.6
265	22.6	17.5	26.3

Instrument :
BNA_F
ClientSampleId :
COMP-1

Manual Integrations
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