Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
Data File : BM047446.D
Acq On : 05 Sep 2024 14:03
Operator : RC/JU
Sample : PB163165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163165BL

Quant Time: Sep 05 14:43:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	291314	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	1078556	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	778915	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1778614	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1804523	20.000	ng	0.00
86) Perylene-d12	23.733	264	1794446	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1965112	129.420	ng	0.00
7) Phenol-d6	6.569	99	2476070	119.706	ng	0.00
23) Nitrobenzene-d5	8.492	82	1561067	80.308	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1263512	134.452	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	4039598	79.686	ng	0.00
79) Terphenyl-d14	19.445	244	7751031	76.455	ng	0.00
Target Compounds						Qvalue

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

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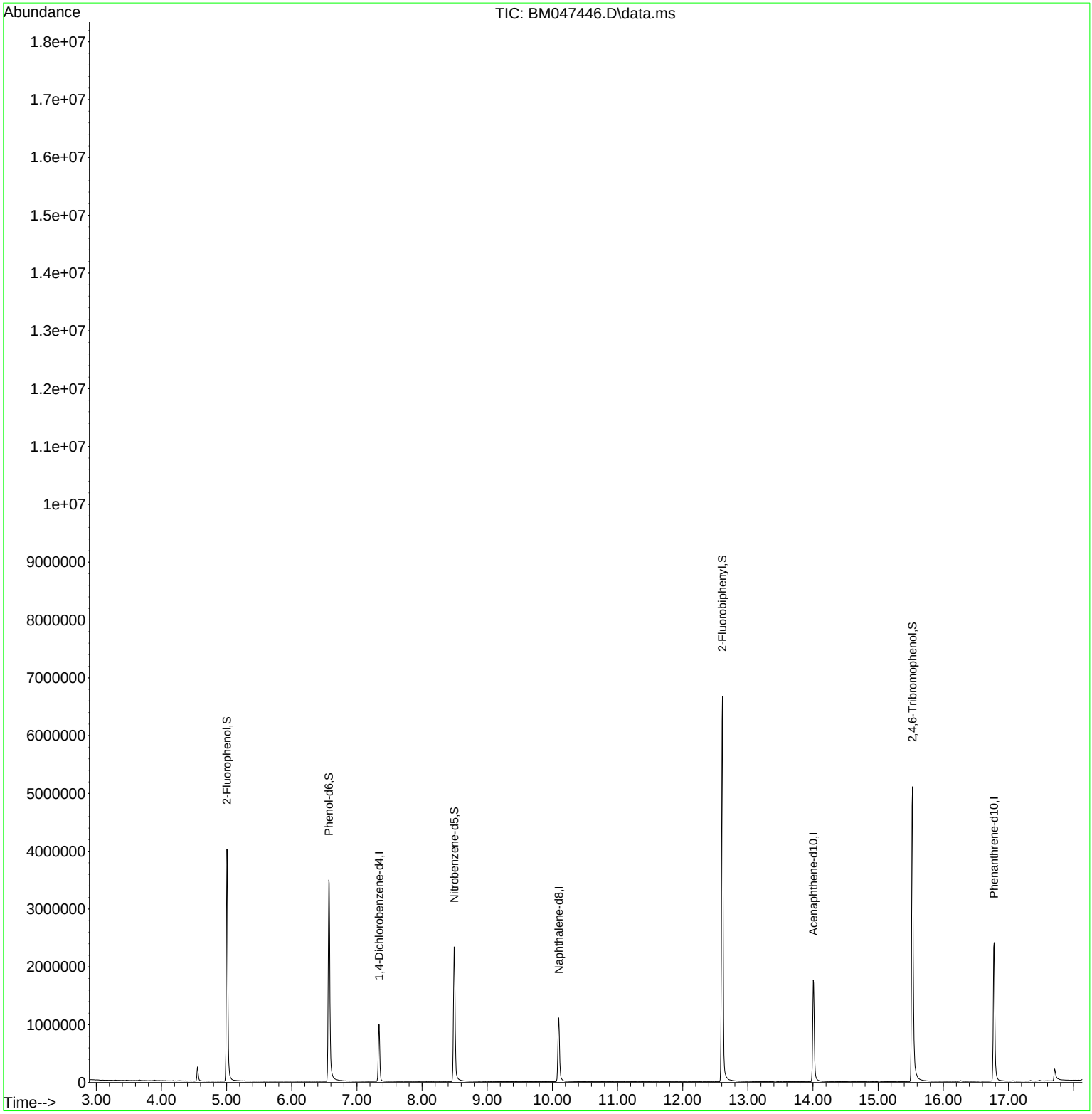

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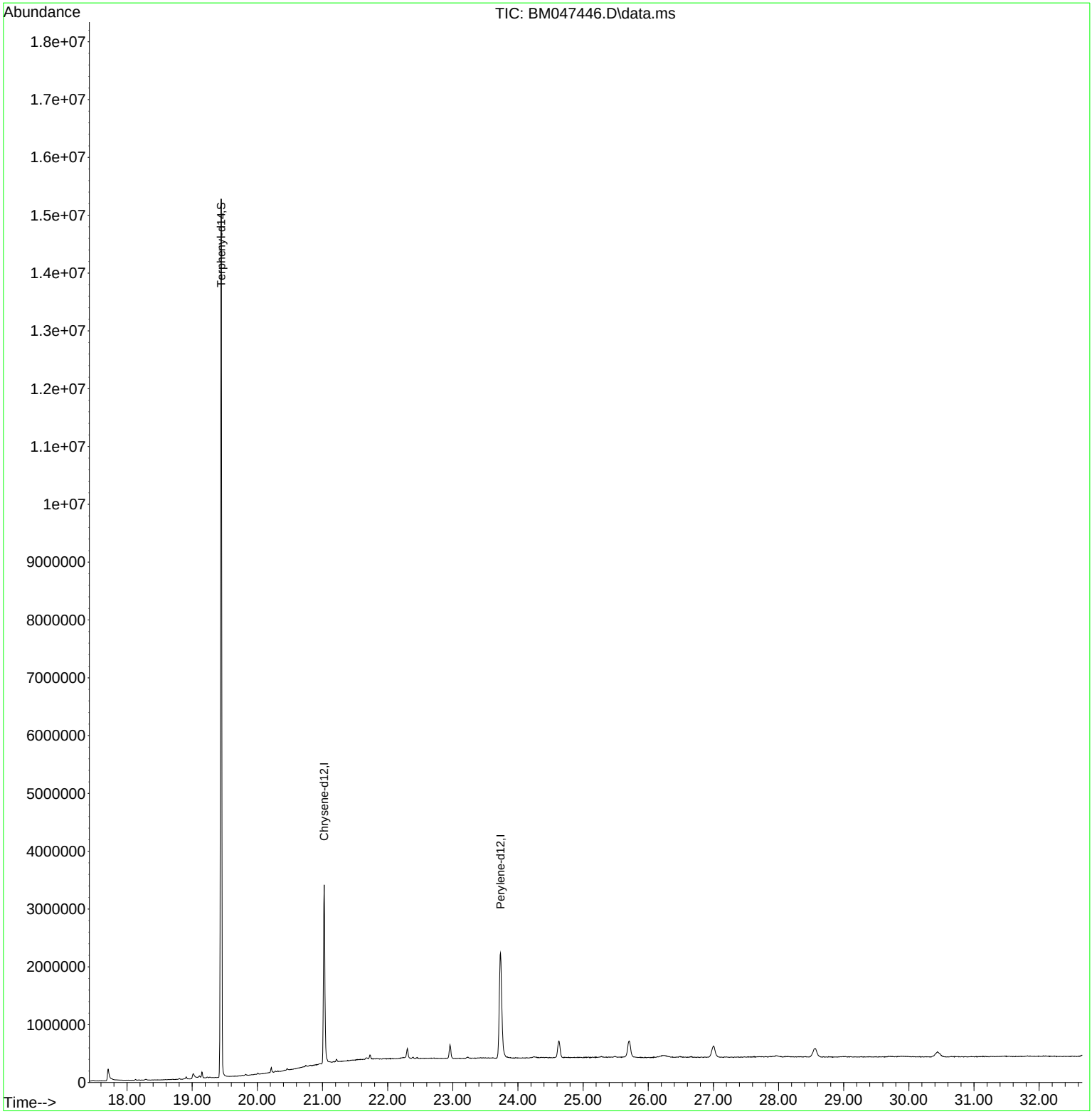
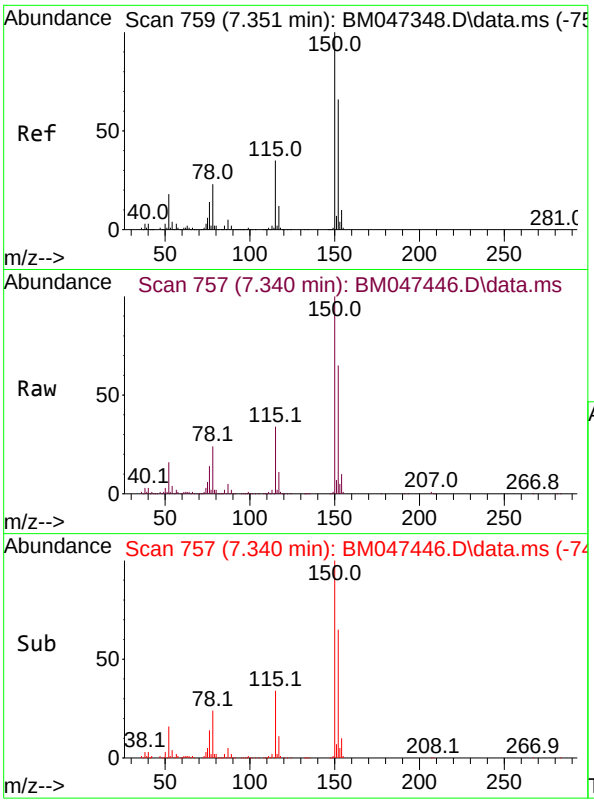


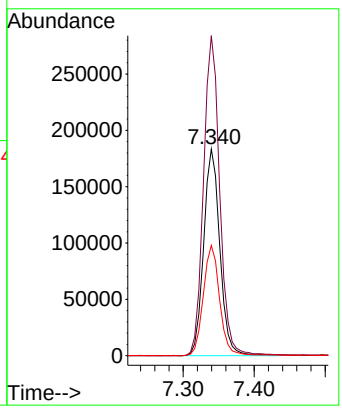


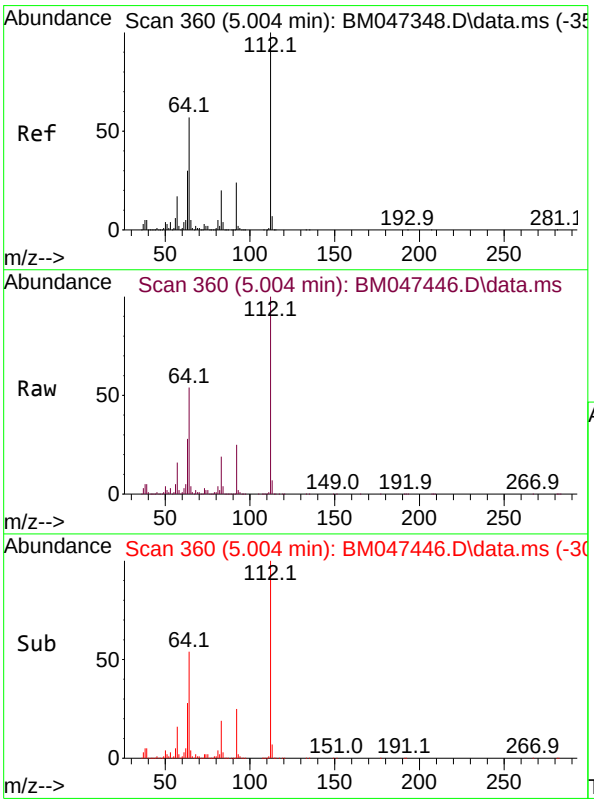
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 7
Delta R.T. -0.011 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Instrument :
BNA_M
ClientSampleId :
PB163165BL

Tgt Ion:152 Resp: 291314

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.3	181.9
115	53.3	42.6	64.0

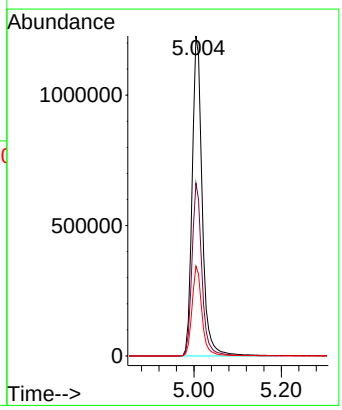


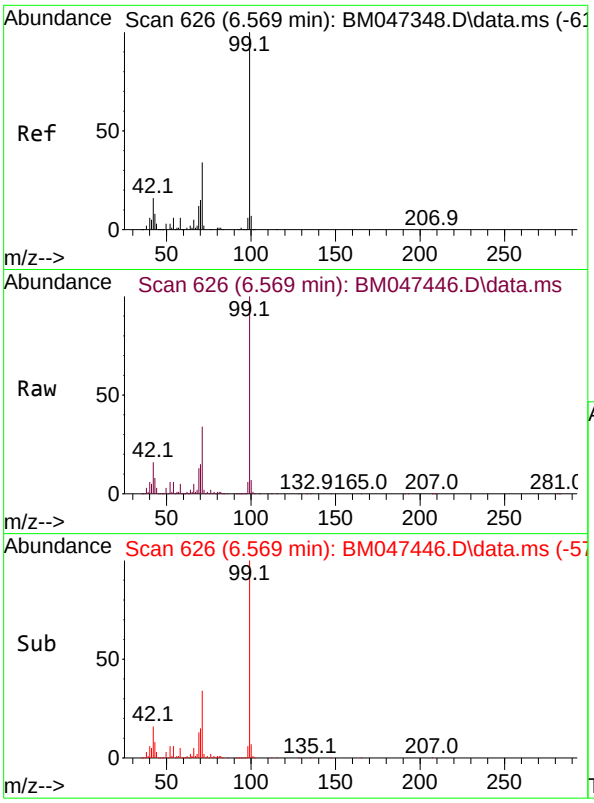


#5
2-Fluorophenol
Concen: 129.420 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion:112 Resp: 1965112

Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.7	68.5
63	28.0	23.8	35.8



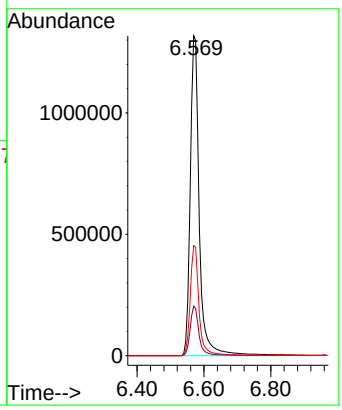


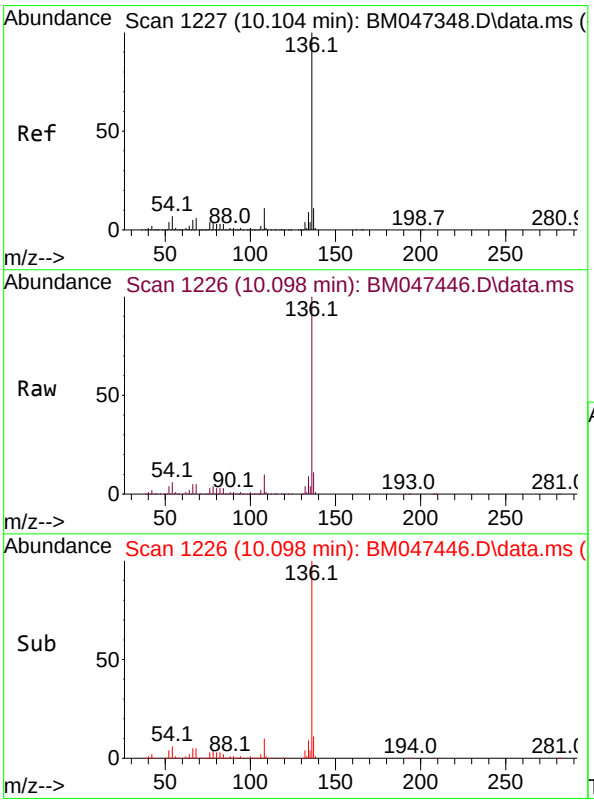
#7
Phenol-d6
Concen: 119.706 ng
RT: 6.569 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Instrument :
BNA_M
ClientSampleId :
PB163165BL

Tgt Ion: 99 Resp: 2476070

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	34.4	27.5	41.3

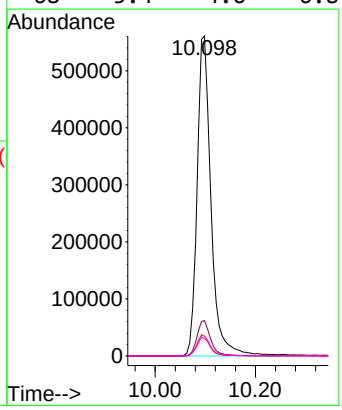


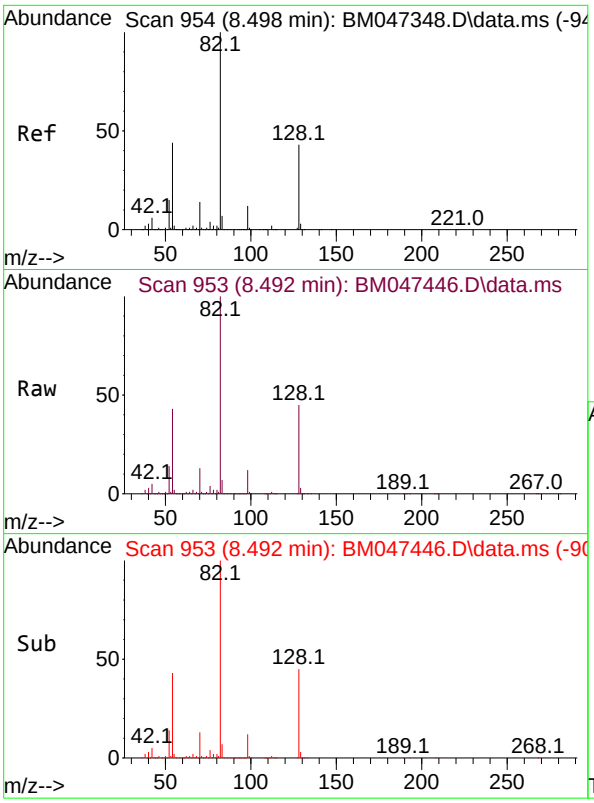


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion:136 Resp: 1078556

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.2	5.2	7.8
68	5.4	4.6	6.8



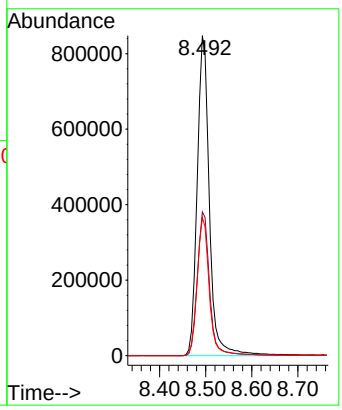


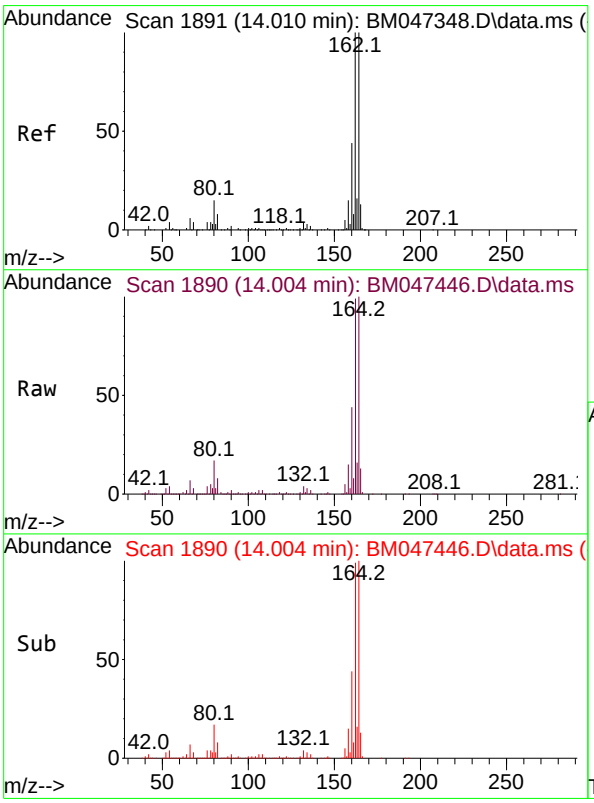
#23
Nitrobenzene-d5
Concen: 80.308 ng
RT: 8.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Instrument :
BNA_M
ClientSampleId :
PB163165BL

Tgt Ion: 82 Resp: 1561067

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	43.2	35.5	53.3

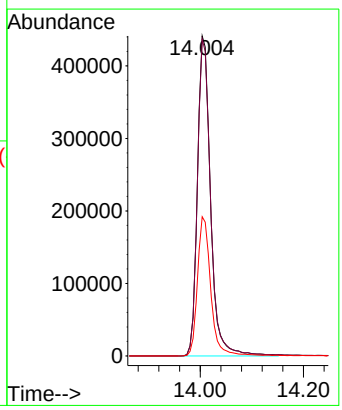


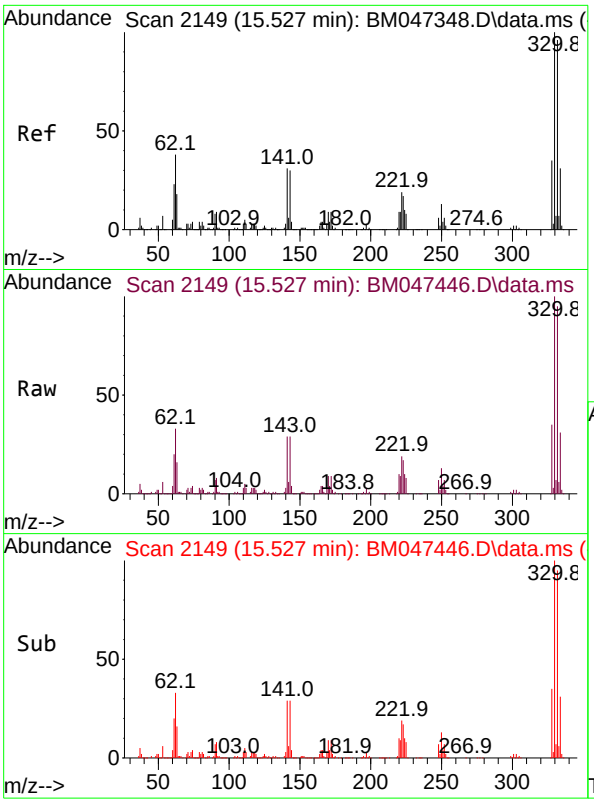


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion:164 Resp: 778915

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.7	119.5
160	43.5	34.9	52.3



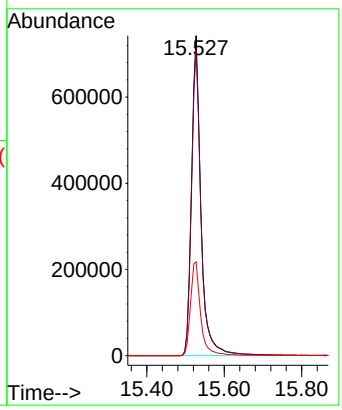


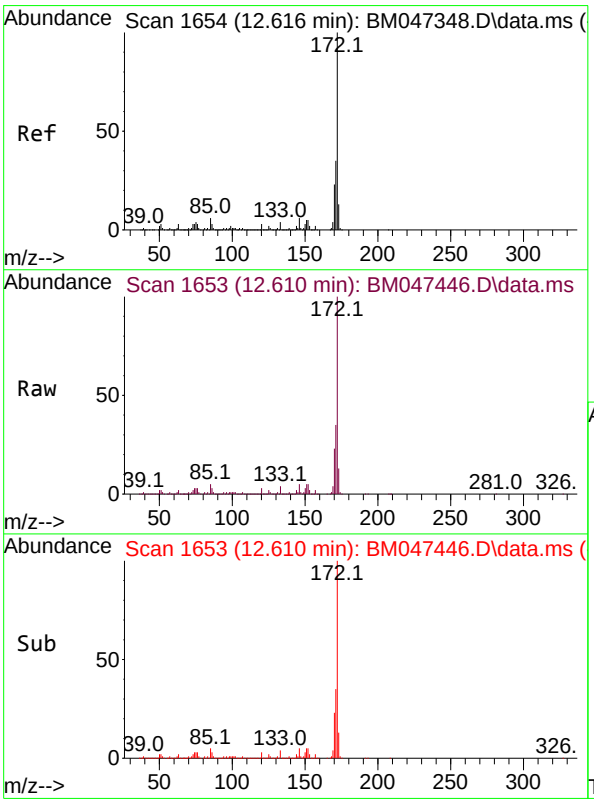
#42
2,4,6-Tribromophenol
Concen: 134.452 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Instrument :
BNA_M
ClientSampleId :
PB163165BL

Tgt Ion:330 Resp: 1263512

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	31.5	27.6	41.4

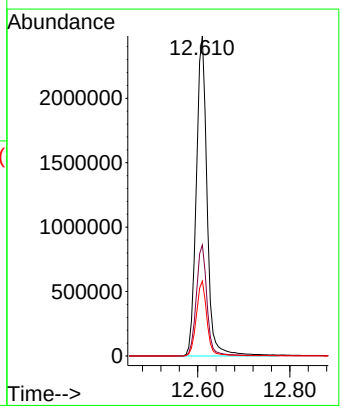


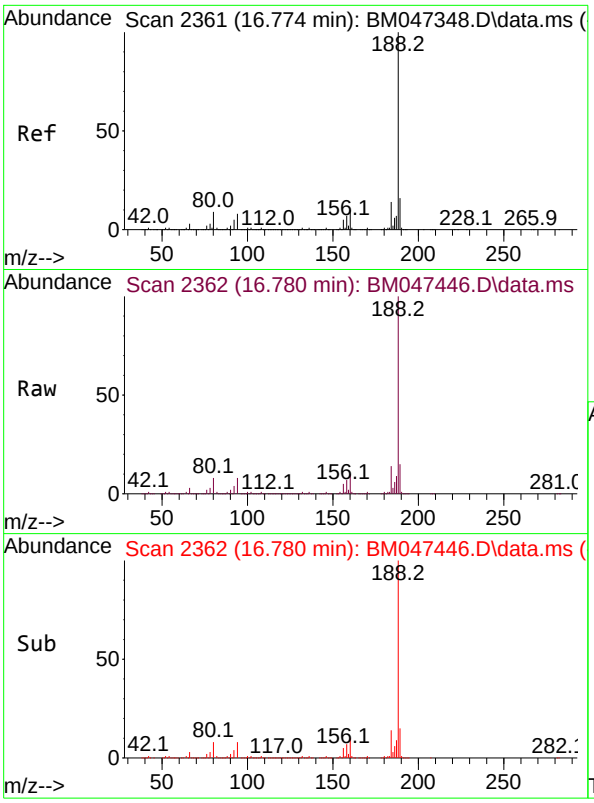


#45
2-Fluorobiphenyl
Concen: 79.686 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion:172 Resp: 4039598

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.4	18.5	27.7



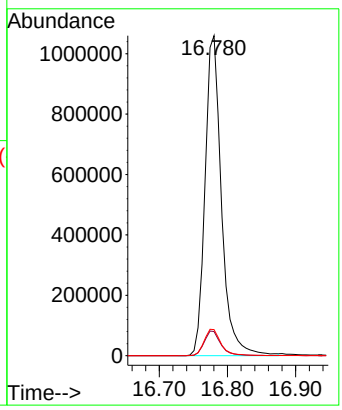


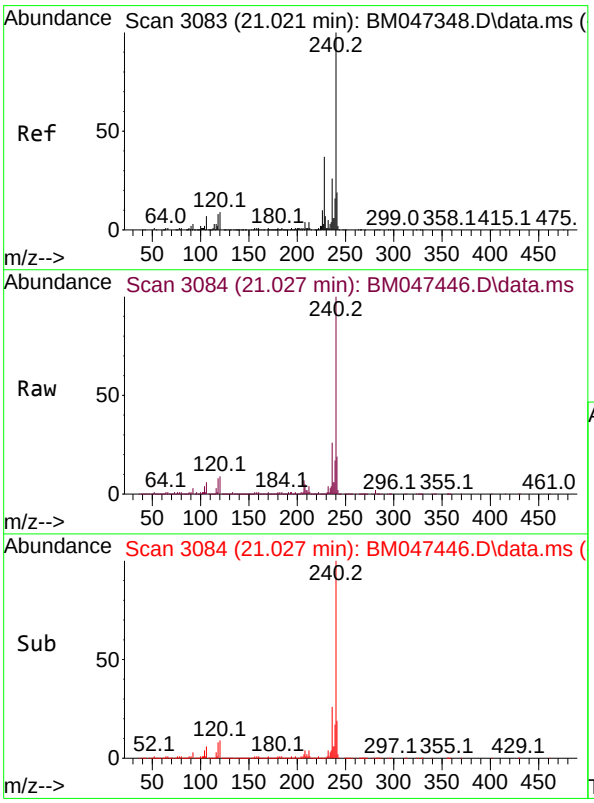
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Instrument :
BNA_M
ClientSampleId :
PB163165BL

Tgt Ion:188 Resp: 1778614

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	8.1	7.4	11.2

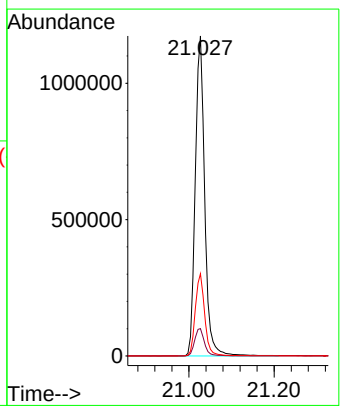


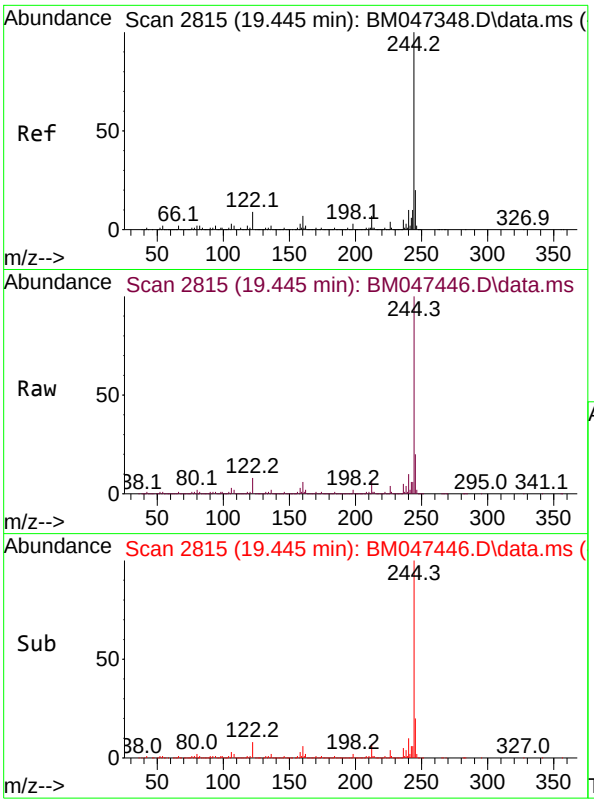


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion:240 Resp: 1804523

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.4	11.0
236	25.7	20.8	31.2



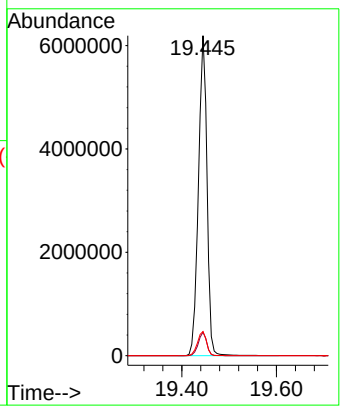


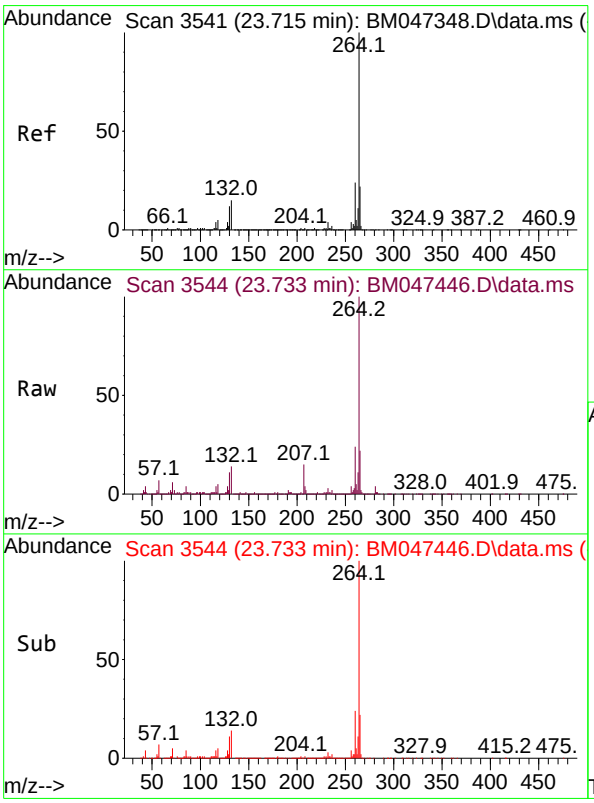
#79
Terphenyl-d14
Concen: 76.455 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Instrument :
BNA_M
ClientSampleId :
PB163165BL

Tgt Ion:244 Resp: 7751031

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3544
Delta R.T. 0.018 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion:264 Resp: 1794446

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.0	17.8	26.6